

James D. Brooks, MD

Biography: James D. Brooks, MD is the Keith and Jan Hurlbut Professor in the Department of Urology at Stanford University School of Medicine. He received his MD from Stanford in 1988 and trained in general surgery and urology at Johns Hopkins Hospital, completing his residency in 1994. He had his first experience in molecular biology during his residency in the laboratory of William Isaacs, PhD, and after residency received a AFUD fellowship to train with William Nelson, MD, PhD at Johns Hopkins. Dr. Brooks joined the Stanford faculty in 1997, splitting his time between the laboratory and clinic, where he sees patients with prostate cancer. He serves in several leadership roles at Stanford including Vice-Chair of the Department of Urology and Chief of Urological Oncology and recently completed a 6-year term as Associate Dean of Academic Affairs in the School of Medicine. He has been continuously funded by the NIH since 1999. For the last 10 years he has been PI for grants under the TCGA Pilot Project, the Early Detection Research Network (EDRN), the Canary Foundation Prostate Cancer Group, the Molecular and Cellular Characterization of Screen Detected Cancer Laboratories (MCL), and the Alliance of Glycobiologists for Cancer Research, and has served in leadership roles in several of these consortia. Dr. Brooks has served on many scientific review panels for NIH, the AUA, AACR, and was a full member of the Department of Defense Integration Panel in Prostate Cancer. He has been on the editorial board of The Prostate since 2000, and on the board of several other journals. He has been an active member of SBUR since 2002 and has served on the Membership Committee and the Nominating Committee.

Research Interests: Dr. Brooks's research has spanned benign and malignant urological diseases with a focus on translational science. His group uses 'omic approaches to identify novel disease biomarkers to be used in the detection and management of diverse diseases. Much of his work has focused on prostate cancer, including work in biomarker discovery (DNA methylation, transcript and protein biomarkers and imaging targets), and biomarker validation in clinical cohort studies such as the Prostate Active Surveillance Study (PASS) and EDRN. His group also pursues mechanistic studies of candidate biomarkers, such as NuSAP1 and Sprr2f, and is exploring therapies targeting pathways related to candidate biomarkers. He has also worked extensively in benign diseases including Androgen Insensitivity Syndrome (AIS), benign prostatic hyperplasia and obstructive uropathy. More recently his group has explored protein glycosylation and its influence on disease biology. Dr. Brooks has also carried out clinical research relevant to prostate cancer, including clinical trials, health services research and, most recently, mining the electronic health record to understand and document quality of care, improve workflows with physician interfaces, and understand health care finances.

Vision Statement: While I am a practicing urologist, SBUR has been my home in urology. After devoting significant time to administrative roles my institution, I now hope to give back to the SBUR, my scientific community. I will bring a physician scientist's views and voice to the Executive Committee that I hope might be useful members who are based in clinical Departments of Urology or who collaborate with clinicians. I also hope to learn how I can better serve the Society by understanding issues it faces and needs brought forward by members. Areas of particular interest include:

1) Advocacy for SBUR among clinical urologists and urologic societies. As a urologist, I will serve as an effective advocate for basic urological research with the AUA, Urology Care Foundation, and sectional societies that are largely populated by clinical urologists. Focused efforts can be made to increase membership in SBUR by clinician scientists, improve opportunities for exposure to uroscience for trainees at all levels - particularly as training programs are eliminating protected research time, and increase the profile of SBUR and its members at national and international urology meetings.

2) Promotion of young scientists in urology. Young investigators are the future of our field and need to be promoted through funding and sharing their research. I would like to build on the excellent programs supported through SBUR and partner with other societies to grow these efforts with the goal of increasing visibility and support of young scientists and their work in urologic disease research.

3) Broaden the research portfolio in urology. Cancer research has been dominant in urologic research, yet our field is responsible for many highly prevalent, serious diseases that dramatically affect patients' lives and are poorly understood. While funding agencies recognize these diseases are underserved, new approaches need to be applied to increase fundamental research efforts, and SBUR is in a unique position to provide understanding and guidance on areas of opportunity and impact.

Curriculum Vitae

Name

James Duane Brooks, M.D.

Current Appointments

Keith and Jan Hurlbut Professor, Stanford University

Vice Chair, Department of Urology, Stanford University School of Medicine

Chief of Urologic Oncology, Department of Urology, Stanford University School of Medicine

Professor, University Tenure Line, Department of Urology, Stanford University

Member, Child Health Research Institute, Stanford University School of Medicine

Member, Bio-X, Stanford University School of Medicine

Associate Member, Canary Center at Stanford

Address

Office:

Department of Urology, Room S287
Stanford University Medical Center
Stanford, California 94305-5118
Tel. 650-725-5746
Fax: 650-498-5346
Email: jdbrooks@stanford.edu

Education

1982

A.B., Biology, University of Chicago,
Chicago, Illinois

1988

M.D., Stanford University School of Medicine,
Stanford, California

Professional Experience

2013-2019

Associate Dean, Academic Affairs, Stanford University School of Medicine

2012

Acting Chair, Department of Urology, Stanford University School of Medicine

Professional Experience

- 2005-2012 **Associate Professor**, University Tenure Line, Department of Urology, Stanford University School of Medicine (Tenure granted 2005)
- 1997-2005 **Assistant Professor**, University Tenure Line, Department of Urology, Stanford University School of Medicine
- 1994-1997 **Instructor**, Department of Urology
Johns Hopkins University School of Medicine
- 1995-1997 **Research Fellow**, Department of Urology
Johns Hopkins University School of Medicine
Dr. William G. Nelson V, Preceptor
- 1991-1992 **Research Fellow**, Department of Urology
Johns Hopkins Hospital, Baltimore, Maryland
Dr. William B. Isaacs, Preceptor
- 1990-1994 **Resident**, Department of Urology
Johns Hopkins Hospital, Baltimore, Maryland
- 1989-1990 **Resident**, Department of General Surgery
Johns Hopkins Hospital, Baltimore, Maryland
- 1988-1989 **Intern**, Department of General Surgery
Johns Hopkins Hospital, Baltimore, Maryland
- 1987-1988 **Instructor**, Department of Surgery, Human Anatomy
Stanford University School of Medicine
- 1983-1985 **Teaching Assistant**, Department of Surgery
Courses: Human Anatomy and Human Histology
Stanford University School of Medicine
- 1983-1985 **Research Assistant**, Department of Neurology
Stanford University School of Medicine
Dr. J. William Langston, Preceptor
- 1979-1982 **Research Assistant**, Department of Pathology
Pritzker School of Medicine, Chicago, Illinois
Dr. Robert W. Wissler, Preceptor

Honors

1978-1982	Tozer Achievement Award
1982	Phi Beta Kappa
1982	Sigma Xi, Scientific Research Society
1982	General and Departmental Honors at Graduation
1983-1984	Parkinson's Disease Foundation Fellowship
1995-1997	Dornier Research Scholar, American Foundation for Urologic Disease
1998-2002	Doris Duke Foundation Clinical Research Scientist Award
2000-2002	Eugene Schoenfeld Award, National Kidney Cancer Assn.
2000	Selected for listing in Top Doctors in "San Jose Magazine"
2001	Visiting Professor, Chao Family Comprehensive Cancer Center, UC Irvine Medical Center, Anaheim, CA
2002-2003	Leutje-Stubbs Faculty Scholar, Stanford University School of Medicine
2004-2005	Selected for listing in "Guide to America's Top Physicians", Consumers' Research Council
2007	Visiting Professor, Departments of Urology and Oncology, University of Wisconsin Medical Center, Madison, WI.
2004-2013, 2019	Selected for listing in "Best Doctors in America"
2010-2011	Selected for listing in "Guide to America's Top Surgeons", Consumers' Research Council
2010-2016	Selected for listing in "The Leading Physicians of the World." International Assn of Healthcare Professionals
2011	First Prize, AUA/Olympus essay contest (Clinical Research Category)
2011	Faculty Fellows, Stanford University School of Medicine
2012	Stanford Advanced Leadership Development Program
2012	Guest, American Association of Genitourinary Surgeons
2012-present	Keith and Jan Hurlbut Professorship, Stanford University
2014	15 th Annual Weisbach Lecture, University of Michigan Cancer Center, Ann Arbor, Michigan.
2016	Visiting Professor, Xinjiang People's Hospital, Urumqi, China
2016	Alexander R. Margulis Award for Scientific Excellence, RSNA Radiological Society of North America

Certifications

1991-2000	State of Maryland Medical License
1997-present	State of California Medical License
1997-present	DEA, Controlled Substance Registration Certificate
1999-present	California Approved Supervisor of Physician Assistants
2005-present	California Fluoroscopy License
2000	Board Certification in Urology
2009	Board Recertification in Urology
2017	Board Recertification in Urology

Memberships

1992-present	Active Member, American Urological Association
1996-present	Active Member, Am. Assn. for Cancer Research
1996-2016	Member, Am. Assn. for the Advancement of Science
1995-2013	Member, Johns Hopkins Medical & Surgical Association
1998-2004	Member, American Society of Preventive Oncology
1998-present	Active Member, Society of Urologic Oncology
1999-present	Active Member, Western Section of the AUA
1999-present	Active Member, California Urological Association
2002-present	Active Member, Society for Basic Urologic Research
2005-2016	Active Member, Society of University Urologists
2016-present	Active Member, Society of Academic Urologists
2009-present	Active Member, Northern California Urological Society

Professional Activities

1999-2003	<i>Ad hoc</i> Reviewer, Prostate Cancer Research Program CDMRP, Department of Defense
2002-2003	Scientific Advisor, Kidney Cancer Association
2004-2007	Membership Committee, Society for Basic Urologic Research
2005-2007	Research Evaluation Panel, Cooperative Prostate Cancer Tissue Resource, NCI/NIH
2006-2013	Data and Safety Monitoring Board; CSP #553 Chemotherapy after Prostatectomy (CAP) for High Risk Prostate Cancer: Phase III Randomized Study, Veterans' Administration
2001-2015	Member, Center for Molecular and Genetic Medicine, Stanford University School of Medicine
2007-2019	Program Abstract Review Committee, American Urological Association Annual Meeting
2009	Program Abstract Review Committee, Society of Basic Urologic Research Fall Meeting
2008-present	Co-Chair, Biomarker Review Committee, Canary Foundation Prostate Cancer Research Team
2009-present	Co-Director, Canary Prostate Cancer Tissue Microarray Research Group
2010-2016	Co-Chair, Prostate and Urologic Cancers Group, Early Detection Research Network (EDRN), NIH, NCI
2010-2013	Chair, Imaging Interest Group (I2G), EDRN, NIH, NCI
2010-2012	<i>Ad hoc</i> Reviewer, Cancer and Musculoskeletal Imaging Applications, NIH
2012-2013	Team Leader Urology, PubMed Commons Pilot Project
2012-2013	<i>Ad hoc</i> Reviewer, NCATS, NIH
2012	<i>Ad hoc</i> member, Prostate Cancer Research Program, Integration Panel, CDMRP, Department of Defense
2013-2015	Full member, Prostate Cancer Research Program, Integration Panel, CDMRP, Department of Defense

Professional Activities

2013	External Advisory Board Member, Cornell Prostate Cancer SPORE Research Center
2014	Program Committee, American Foundation for Urologic Disease Fall Meeting, Dallas, Texas
2014	<i>Ad hoc</i> Reviewer, Cancer Biomarkers, NCI, NIH
2014	Program Committee, 9th Early Detection Research Network Scientific Workshop, Bethesda, MD
2015-2016	Chair, Membership Committee, Society of University Urologists
2015-2018	Nominating Committee, Society of Basic Urologic Research
2015	<i>Ad hoc</i> Reviewer, Innovative Research in HIV in KUH, NIH
2015-2018	Co-Chair, Molecular and Cellular Characterization Center Consortium, NIH/NCI
2016	<i>Ad hoc</i> Reviewer, (Re)Building a Kidney Coordinating Centers, NIDDK, NIH
2016-2017	<i>Ad hoc</i> Reviewer, Russell Scott, Jr., MD Urology Residency Research Awards, Urology Care Foundation
2016	Meeting Organizer, San Francisco, Molecular and Cellular Characterization Center Consortium, NIH/NCI
2016-present	External Advisory Board Member, UCLA Prostate Cancer SPORE Research Center
2016-present	External Advisory Board Member, O'Brien Urology Research Center at University of Pittsburgh
2017	Review Panel, Molecular and Cellular Characterization Center Set-Aside Awards, NIH/NCI
2017	Member, AACR-Bayer Prostate Cancer Research Fellowship Scientific Review Committee
2017	Working Group, Prostate Cancer, National Urology Research Agenda (NURA), AUA Office of Research
2017-2018	<i>Ad hoc</i> Reviewer, DiaComp Funding Program, NIDDK, NIH
2018	Member, AACR Genitourinary Cancer Research Grants Scientific Review Committee
2019	<i>Ad hoc</i> Reviewer, Member Conflict Panel, NCI, NIH
2019	Mentor: Urology Science Mentoring Academy for Research and Training (USMART), American Urological Association
2019	<i>Ad hoc</i> Reviewer, Cell Biology, Prostate Cancer Program CDMRP, Department of Defense
2020	<i>Ad hoc</i> Reviewer, NIH/CSR Cancer Diagnostics and Treatments (CDT) SBIR Study Section
2020	<i>Ad hoc</i> Reviewer, NIH/NIDDK, Exploratory Centers (P20) and Interaction Core (U24) for Benign Urology
2020	<i>Ad hoc</i> Reviewer, CRUK

Departmental Committees, Administrative Activities

1998-2010	Urology Residency Selection Co-Director
2010-2012	Director, Urology Residency Selection

Departmental Committees, Administrative Activities

1998-2005	Urology Residency Curriculum Co-Director
2006-2011	Med. Student Clerkship Director, Dept. of Urology
2009-present	Chair, Credentialing Committee, Dept. of Urology
2009-2010	Search Committee, Infertility, Dept. of Urology
2011-2018	Department of Urology A & P Committee
2012-present	Chief of Urologic Oncology, Department of Urology
2014-present	Vice Chair, Department of Urology

Journal Activities

1994-present	<i>Ad hoc</i> Reviewer for <i>Urology, Journal of Urology, Cancer Epidemiology, Biomarkers & Prevention, Cancer Research, Cancer Prevention Research, Prostate, Urologic Oncology, Clinical Cancer Research, Cancer, British Journal of Urology International, Genome Biology, Genome Research, Annals of Surgical Oncology, PLoS ONE, PLoS Medicine, Gene,</i> and others
2000-present	Editorial Board, <i>The Prostate</i>
2008-2016	Research Reviewer (Genetics), <i>Urologic Oncology</i> , Survey Section
2008-2015	Editor-in-Chief, <i>The Open Prostate Cancer Journal</i>
2010-2015	Editorial Board, <i>Prostate Cancer</i>
2009-2012	International Advisory Board, <i>The Netter Collection of Medical Illustrations</i>
2011-2018	Editorial Board, <i>Journal of Andrology – Open Access</i>
2012-2016	Editorial Board, <i>Scientifica</i>

Stanford Committees, Administrative Activities

1997-1998	Stanford Tissue Bank Task Force
1998-2001	Awards Committee
1998-2000	Clinical Cancer Center Steering Committee
2000-2002	Stanford Tissue Bank Committee
2002-2008	Stanford School of Medicine Faculty Senate
2010	Search Committee for Chair, Dept. of Radiology
2011-2013	Pharmacy Task Force, Stanford Hospital and Clinics
2012	Acting Chair, Department of Urology
2012-2016	Stanford Tissue Bank Committee
2013	School of Medicine, Appointments and Promotions Committee
2013-present	SPECTRUM, Council of Mentors
2013-2019	Associate Dean, Academic Affairs, Stanford University School of Medicine
2013-2019	Sexual Harassment Advisor, Stanford University
2015-present	Member, Child Health Research Institute
2015-present	Member, Stanford Center for Population Health Sciences

Grant Support

Dornier Scholar (PI: Brooks) American Foundation for Urologic Disease Glutathione S-transferase-pi regulation and expression in human prostate cancer: important pathogenetic and treatment implications Role: Principal Investigator	07/01/95-06/30/97
Medical Scholars Program (PI: Hoehn) Stanford University Inactivation of the <i>GSTP1</i> gene by promoter methylation in MDA PCa 2A and MDA PCa 2B cell lines Role: Faculty Preceptor	01/01/99-08/31/99
The Bernard Lee Schwartz Foundation (PI: Brooks) Mechanisms of action of prostate cancer preventive agents Role: Principal Investigator	07/01/99-06/30/00
Dean's Postdoctoral Fellowship Award (PI: Deprimo) Stanford University Prostate cancer prevention through induction of phase 2 enzymes Role: Faculty Preceptor	08/01/99-07/31/00
Calydon, Inc. (PI: Terris) A phase I/II dose finding trial of the intraprostatic injection of Calydon CV787, a Prostate-Specific Antigen cytolytic adenovirus, in patients with locally recurrent prostate cancer following definitive radiotherapy Role: Co-Investigator	12/01/99-11/30/00
Deans Postdoctoral Fellowship Award (PI: Deprimo) Stanford University Microarray analysis of the transcriptional program activated by exposure of prostate cancer cells to androgen Role: Faculty Preceptor	08/01/00-07/31/01
Pfizer Inc. (PI: Peehl) Effects of Doxazosin on gene expression profiles of prostatic stromal cells cultured from normal and BPH tissues Role: Co-Investigator	01/01/01-12/31/01
DAMD17- 98-1-8555 (PI: Brooks) USAMRMC (Department of Defense) New Investigator Award Prevention of prostate cancer by induction of phase 2 enzymes Role: Principal Investigator	09/01/98-03/31/01

Grant Support

T98064 (PI: Brooks) Doris Duke Foundation Clinical Research Scientist Award Prostate cancer prevention through induction of phase 2 enzymes Role: Principal Investigator	07/01/98-06/30/02
Eugene Shoefeld Award (PI: Brooks) Kidney Cancer Association Gene expression profiling of renal cell carcinoma: a new cancer taxonomy Role: Principal Investigator	07/01/00-06/30/02
The Oxnard Foundation (PI: Brooks) Mechanisms of action of the prostate cancer preventive agent selenium Role: Principal Investigator	07/01/01-06/30/03
DAMD17- 98-1-8555 (PI: Brooks) USAMRMC (Department of Defense) Phase II Award Gene expression patterns and prostate cancer prevention Role: Principal Investigator	09/01/01-03/31/04
Research Incentive Award (PI: Brooks) Office of Technology Licensing, Stanford University Gene expression changes associated with prostate carcinogenesis in the TRAMP model. Role: Principal Investigator	09/01/03-08/31/04
Cancer Center Steering Committee (PI: Brooks) Stanford University Gene expression in prostate cancer Role: Principal Investigator	09/01/03-08/31/04
U01 CA85129 (PI: Brown) NIH/NCI A cancer taxonomy based on gene expression patterns Role: Co-Investigator	10/01/99-09/30/04
R01 AT00486 (PI: Gardner) NIH/NCCAM Effects of soy isoflavones on the prostate, breast and bone Role: Co-Investigator	07/01/00-06/30/05
Lance Armstrong Foundation (PI: Brooks) Gene expression profiles of testicular tumors Role: Principal Investigator	01/01/02-12/31/05

Grant Support

Postdoctoral Fellowship Award (PI: Zhao) USAMRMC (Department of Defense) Biomarkers of selenium action in prostate cancer Role: Faculty Preceptor	01/01/04-12/31/05
Medical Scholars Program (PI: Williams) Stanford University Biomarkers of renal cancers Role: Faculty Preceptor	07/01/07-12/31/07
U24 CA126563 (Co-PI: Myers & Brooks) NIH/NCI Stanford cancer genome characterization center (The Cancer Genome Atlas) Role: Co-Principal Investigator	07/08/06-08/31/08
Bio-X Interdisciplinary Initiatives Program (PI: Brooks) Stanford University Development of new high-resolution magnetic resonance imaging methods for the prostate gland. Role: Principal Investigator	10/01/06-09/30/09
R01 CA111782 (PI: Brooks) NIH/NCI Translating prostate cancer gene expression subtypes Role: Principal Investigator	07/08/05-04/30/10
TAX3501 (PI: Brooks) Sanofi-Aventis A multicenter, open-label, randomized phase III trial comparing adjuvant hormonal therapy (ELIGARD -leuprolide acetate) in combination with TAXOTERE (docetaxel) administered every three weeks versus hormonal therapy alone versus deferred therapy followed by the same therapeutic options in patients with prostate cancer at high risk of relapse after radical prostatectomy. Role: Principal Investigator	04/01/06-03/31/10
U24 CA126563 (PI: Brooks) NIH/NCI HudsonAlpha cancer genome characterization center (The Cancer Genome Atlas) Subcontract Role: Site Principal Investigator	09/01/08-08/31/10

Grant Support

R01 CA122246 (PI: Pollack) NIH/NCI Pathogenetics of clinically-indolent prostate cancer Role: Co-Investigator	12/01/07-11/30/10
1007519 (PI: Pollack) Burroughs Wellcome Fund Pathogenesis and diagnosis of clinically-indolent prostate cancer Role: Co-Investigator	07/01/08-06/30/13
W81XWH-10-1-0510 (PI: Brooks) USAMRMC (Department of Defense) Single cell characterization of prostate cancer circulating tumor cells Role: Principal Investigator	07/01/10-06/30/13
DCRA (PIs: Leppert & Fan) Stanford Cancer Institute Nanofluidic Proteomic Immunoassays in Renal Cell Carcinoma Diagnosis and Treatment Response Role: Co-Investigator	08/01/11-02/28/13
W81XWH-11-1-0447 (PI: Brooks) USAMRMC (Department of Defense) Role of NuSAP in prostate cancer progression Role: Principal Investigator	06/01/11-05/31/14
W81XWH-11-1-0602 (PI: Spielman) USAMRMC (Department of Defense) In vivo imaging of branched chain amino acid metabolism in prostate cancer Role: Co-Investigator	07/15/11-07/14/14
W81XWH-11-1-0380 (PI: Brooks) USAMRMC (Department of Defense) Validation of biomarkers for prostate cancer prognosis Role: Principal Investigator	09/30/11-09/29/14
TRAM Award (PI: Pachynski) Stanford Cancer Institute Evaluation of the novel tumor suppressive chemoattractant cytokine chemerin in human prostate cancer Role: Co-Investigator	10/01/12-05/30/14

Grant Support

R21 CA169964 (PIs: Felsher, Fan & Leppert) NIH/NCI Nanoscale proteomic profiles of hypoxia pathways to develop biomarkers of renal cell carcinoma Role: Co-Investigator	07/01/12-06/31/14
DCRA (Co-PIs: Pollack, West & Brooks) Stanford Cancer Institute Genomic evolution of pre-malignant lesions to predict lethal prostate cancer Role: Co-Principal Investigator	08/01/13-07/31/14
DCRA (Co-PIs: Hsing & Brooks) Stanford Cancer Institute Ghana Prostate Cancer Patient Cohort: A Pilot Study Role: Co-Principal Investigator	08/01/13-07/31/14
Postdoctoral Fellowship Award (PI: Gordon) Urology Care Foundation Understanding the Role of NuSAP in Prostate Cancer Progression to Improve Patient Management Role: Faculty Mentor	07/01/14-06/30/15
Canary Foundation (PI: Brooks) Identification and validation of biomarkers to detect the lethal phenotype of prostate cancer Role: Principal Investigator	09/01/07-12/31/15
U01 CA152737 (Co-PIs: Gambhir and Brooks) NIH/NCI Early Detection Research Network (EDRN) New tools for prostate cancer detection and prognostication Role: Co-Principal Investigator	09/01/10-12/31/15
SPO#: 115714 (PI: Brooks) Subcontract: The Fred Hutchinson Cancer Research Center Sponsor: Genomic Health, Inc. PASS-GHI collaboration Role: Principal Investigator	11/04/14-12/31/16
P20 DK103093 (PI: Brooks) NIDDK/NIH Molecular signatures of LUTS-Associated BPH Role: Principal Investigator	07/01/14-06/30/17

Grant Support

P20 DK103093 (PI: Brooks) NIDDK/NIH Single Cell Profiling in BPH (Supplement) Role: Principal Investigator	01/01/15-06/30/17
1164310-121-GHTDS (Co-PIs: Snyder, Haile & Brooks) Stanford Cancer Institute Translational/Innovation Award Targeting the clinically meaningful fraction of the cancer methylome Role: Co-Investigator	01/05/15-01/04/17
PGHD171; 2017-09 (PIs: Shariff-Marco & Lin-Gomez) Rapid Response Surveillance Study (RRSS), SEER Patient Generated Health Data (PGHD) to Enhance SEER Data Collection Role: Consultant	09/16/16-09/15/17
PAR15-305 (PI: Brooks) NIH/ NCI Supplements to Support Evaluation of the NCI Cancer Genomics Cloud Pilots Role: Principal Investigator	01/01/16-12/31/17
Exhibit B-26 (PI: Demirci) Philips Electronics North America Corp Advancing Precision Health: Enabling Personalized Diagnostics and Treatment Delivery Role: Co-Investigator	09/01/16-08/31/17
SPO#: 128081 (PI: Pollack) Stanford Cancer Institute Modeling prostate cancer aneuploidies by chromosome engineering Role: Co-Investigator	01/01/17-12/31/17
Agreement Number: 109527 EpicentRx, Inc. Preclinical studies of RadioRX compounds Role: Principal Investigator	05/01/17-05/31/18
R01 DK101736 (PI: Brooks) NIH/NIDDK RNA markers of renal damage due to obstruction Role: Principal Investigator	08/01/15-05/31/18
Dean's Postdoctoral Fellowship Award (PI: Eminaga) Stanford University Genomic Characterization and Evolution of Precursor Lesions to Advanced Prostate Cancer Role: Faculty Preceptor	01/01/18-12/31/18

Grant Support

CRUK/Cambridge Canary Center Award PI: Gnanapragasam/Stoyanova A multi-modal approach to discover novel blood-based biomarkers for early detection of poor prognosis prostate cancer Role: Co-Investigator	01/01/18-12/31/18
W81XWH-16-1-0553 (PI: Leppert) Department of Defense IQGAP1 Scaffold-Kinase Interaction Blockade in Renal Cell Carcinoma: A Novel Biomarker and Therapeutic Strategy Role: Co-Investigator	07/01/16-06/30/19
W81XWH-16-1-0604 (PI: Iagaru) Department of Defense, Impact Award 68Ga Bombesin PET/MRI in Patients with Biochemically Recurrent Prostate Cancer and Noncontributory Conventional Imaging Role: Co-Investigator	07/01/16-06/30/19
W81XWH-16-1-0542 (PIs: Luo, Jarrard, Brooks) Department of Defense, Impact Award Fusion genes predict prostate cancer recurrence Role: Co-Principal Investigator	07/01/16-08/31/20
U01 CA196387 (PI: Brooks) NIH/NCI Stanford Molecular and Cellular Characterization Laboratory Role: Principal Investigator	09/01/15-06/30/20
R01 CA183962 (PI: Hernandez-Boussard) NIH/NCI Utilizing Electronic Health Records to Measure and Improve Prostate Cancer Care Role: Co-Investigator	07/01/15-06/30/20
R21 CA229933 (PI: Brooks, Zare) NIH/NCI DESI-MS detection of positive surgical margins in kidney cancer Role: Co-Principal Investigator, Contact PI	07/01/18-06/30/20
U01 CA196387 (PI: Brooks) NIH/NCI Supplement Pilot: Precancer Genome Atlas/Molecular Cellular Characterization Centers Role: Principal Investigator	09/01/17-06/30/20

Grant Support

U54 CA199075 (PI: Gambhir) NIH Centers of Cancer Nanotechnology Excellence for Translational Diagnostics Subproject: Merging of nano-based in vitro and in vivo nano-based imaging for earlier detection of aggressive cancer (prostate cancer). Role: Co-Investigator	09/01/15-08/31/20
W81XWH1810396 (PI: Eminaga) Department of Defense, Postdoctoral Research Award Artificial intelligence-aided detection models for diagnostic imaging in prostate cancer Role: Co-Mentor	08/31/18-09/01/20
U01 CA196387 (PI: Brooks) NIH/NCI Supplement Understanding the functional role of YY1 in aggressive prostate cancer Role: Co-Principal Investigator	09/01/19-08/31/20
N/A (PI: Hernandez-Boussard) Astra Zeneca Machine Learning classifiers for automated staging of cancer patients Role: Co-investigator	12/17/19-12/16/20
156540 (PI: Brooks) NIH/NCI Subcontract: University of Texas Health Science Center – San Antonio Biomarkers and clinical parameters associated with Gleason score upgrading Role: Site PI for multi-institutional trial	07/01/14-03/31/21
W81XWH-16-1-0604 (PI: Stoyanova) Department of Defense Trop2 as a novel driver and therapeutic target for castration-resistant prostate cancer Role: Co-Investigator	09/01/18-08/31/21
R21 CA245595 (PI: Brooks) Targeting AXL to overcome resistance to taxanes and platinum-based therapy in castrate resistant prostate cancer Role: Principal Investigator	02/01/20-01/31/22
R01 CA211141 (PI: Gomez) NIH/NCI Active surveillance and patient reported outcomes in a diverse population of prostate cancer patients Role: Co-Investigator	08/01/17-07/31/22

Grant Support

- R21 EB02834801 (PI: Loening) 08/15/19-05/31/22
NIH
PSMA activatable MRI contrast agents to improve the detection of prostate cancer
Role: Co-investigator
- U01 CA217456 (PI: Peehl/Kurhanowicz) 10/01/17-09/30/22
NIH/NCI
Metabolic imaging comparisons of patient-derived models of renal cell carcinoma
Role: Co-Investigator, Site PI
- R01 DK123232 (Co-PIs: Pollack, West, Brooks) 09/01/20-08/31/23
NIH/NIDDK
BMP5 cells and signaling in BPH pathogenesis
Role: Co-Principal Investigator
- U01 CA226051 (PI: Pitteri/Bertozzi/Brooks) 05/01/19-04/30/24
NIH/NCI
Glycosylation and immune evasion in urologic tumors
Role: Co-Principal Investigator
- U01 CA224255 (PI: Lin) 09/20/19-09/19/24
NIH/NCI
Prostate cancer Active Surveillance Study (PASS) Cohort: Infrastructure Support for Cancer Research
Role: Site PI
- R01 CA249899 (PI: Mallick) 05/01/20-04/31/25
NIH/NCI
Pathomic Predictors of Prostate Cancer Progression
Role: Co-Investigator

Pending Research Support

- R21 CA256271 (PI: Brooks) 12/01/20-11/30/22
NIH/NCI
Identification of serum protein biomarkers by profiling N-glycoproteomes of patient-derived xenografts of clear cell renal cell carcinoma
Role: Principal Investigator

Peer-Reviewed Publications

1. Ricarte GA, Langston JW, DeLanney LE, Irwin I, **Brooks JD**: Dopamine uptake blockers protect against the dopamine depleting effect of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) in the mouse striatum. *Neuroscience Letters* **59**: 259-264, 1985.
2. Mitchell S. Steiner, Arthur L. Burnett, **James D. Brooks**, Charles B. Brendler, Ray E. Stutzman, H. Ballentine Carter: Tubularized neourethra following radical retropubic prostatectomy. *Journal of Urology* **150**: 407-410, 1993.
3. Michelle Makos, Barry D. Nelkin, Robert E. Reiter, James R. Gnarra, **James Brooks**, William Isaacs, Marston Linehan, Stephen B. Baylin: Regional DNA hypermethylation at D17S5 precedes 17p structural changes in the progression of renal tumors. *Cancer Research* **53**: 2719-2722, 1993.
4. **James D. Brooks**, G. Steven Bova, Fray F. Marshall, William B. Isaacs: Tumor suppressor gene allelic loss in human renal cancers. *Journal of Urology* **150**: 1278-1283, 1993.
5. W. B. Isaacs, G. S. Bova, **J. D. Brooks**, C. M. Ewing, R. A. Morton, J. C. Robinson: Genetic alterations in prostate cancer - prognostic implications. *Akteulle Onkologie* **78**: 84-92, 1993.
6. J. R. Gnarra, K. Tory, Y. Weng, L. Schmidt, M. H. Wei, H. Li, F. Latif, S. Liu, F. Chen, F.-M. Duh, I. Lubensky, D. R. Duan, C. Florence, R. Pozzatti, M. M. Walther, N. H. Bander, H. B. Grossman, H. Braunch, S. Pomer, **J. D. Brooks**, W. B. Isaacs, M. I. Lerman, B. Zbar, W. M. Linehan: Mutations of the VHL tumour suppressor gene in renal carcinoma. *Nature Genetics* **7**: 85-90, 1994.
7. **James D. Brooks**, Robert G. Moore, Louis Kavoussi: Laparoscopic management of testicular pain following embolotherapy of varicocele. *Journal of Endourology* **8**: 361-363, 1994.
8. W. B. Isaacs, G. S. Bova, R. A. Morton, M. J. G. Bussemakers, **J. D. Brooks**, C. M. Ewing: Genetic alterations in prostate cancer. *Cold Spring Harbor Symposia on Quantitative Biology* **59**: 653-659, 1994.
9. Wen-Hsiang Lee, Ronald A. Morton, Jonathan I. Epstein, **James D. Brooks**, Pearl G. Campbell, G. Steven Bova, Wen-Son Hsieh, William B. Isaacs, William G. Nelson: Cytidine methylation of regulatory sequences near the pi-class glutathione S-transferase gene accompanies human prostatic carcinogenesis. *Proceedings of the National Academy of Sciences USA* **91**: 11733-11737, 1994.
10. W. B. Isaacs, G. S. Bova, R. A. Morton, M. J. G. Bussemakers, **J. D. Brooks**, C. M. Ewing: Molecular biology of prostate cancer. *Seminars in Oncology* **21**: 514-521, 1994.

11. Mark Schoenberg, Paul Cairns, **James D. Brooks**, Fray F. Marshall, Jonathan I. Epstein, William B. Isaacs, David Sidransky: Frequent loss of chromosome arms 8p and 13q in collecting duct carcinoma (CDC) of the kidney. *Genes, Chromosomes and Cancer* **12**: 76-80, 1995.
12. **James D. Brooks**, G. Steven Bova, William B. Isaacs: Allelic loss of the retinoblastoma gene in primary human prostatic adenocarcinomas. *Prostate* **26**: 35-39, 1995.
13. William B. Isaacs, G. Steven Bova, Ronald Morton, Marion J. G. Bussemakers, **James D. Brooks**, Charles M. Ewing: Molecular genetics and chromosomal alterations in prostate cancer. *Cancer* **75**: 2004-2012, 1995.
14. WB Isaacs, GS Bova, RA Morton, MJG Bussemakers, **JD Brooks**, CM Ewing: Molecular biology of prostate cancer progression. *Cancer Surveys* **23**: 19-32, 1995.
15. Elisabeth J. Perlman, **James Brooks**, Amy H. Gordon, Constance A. Griffin, Mark Schoenberg: Embryonal adenoma of the kidney in an adult: case report. *Journal of Urology* **154**: 1473-1474, 1995.
16. **James D. Brooks**, Louis R. Kavoussi, Glenn M. Preminger, William W. Schuessler, Robert G. Moore: Comparison of open and endourologic approaches to the obstructed ureteropelvic junction. *Urology* **46**: 791-795, 1995.
17. Robert G. Moore, **James D. Brooks**: UPJ obstruction: assessing minimally invasive therapies. *Contemporary Urology* **7(12)**: 47-61, 1995.
18. **James D. Brooks**, Wen-Hsiang Lee, William G. Nelson: Epidemiologic and molecular features of prostatic carcinogenesis as clues for new prostate cancer prevention strategies. *Canadian Journal of Urology* **3** (Suppl.): 30-36, 1996.
19. Wen-Hsiang Lee, **James D. Brooks**, William G. Nelson: Molecular staging of prostate cancer. *Canadian Journal of Urology* **3** (Suppl.): 80-88, 1996.
20. **James D. Brooks**, G. Steven Bova, Charles M. Ewing, Steven Piantadosi, Bob S. Carter, John C. Robinson, Jonathan I. Epstein, William B. Isaacs: An uncertain role for p53 gene alterations in human prostate cancers. *Cancer Research* **56**: 3814-3822, 1996.
21. Patrick C. Walsh, **James D. Brooks**: The Swedish prostate cancer paradox. *JAMA* **277**: 497-498, 1997.
22. Joel B. Nelson, Wen-Hsiang Lee, Son H. Nguyen, David F. Jarrard, **James D. Brooks**, Scott R. Magnuson, Terry J. Opgenorth, William G. Nelson, G. Steven Bova: Methylation of the 5'CpG island of the endothelin B receptor gene is common in human prostate cancer. *Cancer Research* **57**: 35-37, 1997.

23. Lisa B. Jacobs, **James D. Brooks**, Jonathan I. Epstein: Differentiation of colonic metaplasia from adenocarcinoma of the urinary bladder. *Human Pathology* **28**: 1152-1157, 1997.
24. **James D. Brooks**, Wen-Min Chow, John Kerr: Male pelvic anatomy reconstructed from the visible human data set. *Journal of Urology* **159**: 868-872, 1998.
25. **James D. Brooks**, Michael Weinstein, Xiaohui Lin, Yinghau Sun, Sokhom S. Pin, G. Steven Bova, Jonathan I. Epstein, William B. Isaacs, William G. Nelson: CG island methylation changes near the *GSTP1* gene in prostatic intraepithelial neoplasia. *Cancer Epidemiology, Biomarkers & Prevention* **7**: 531-536, 1998.
26. Raj S. Pruthi, Scott K. Angell, **James D. Brooks**, Harcharan Gill: Partial nephrectomy and caval thrombectomy for renal cell carcinoma in a solitary kidney with an accessory renal vein. *British Journal of Urology* **83**:142-143, 1999.
27. **James D. Brooks**, Fray F. Marshall, William B. Isaacs, Donald R. Johns: Absence of *HinfI* restriction abnormalities in renal oncocytoma mitochondrial DNA. *Molecular Urology* **3**: 1-3, 1999.
28. Julia C. Tchou, Xiaohui Lin, Diha Freije, William B. Isaacs, **James D. Brooks**, Wen-Hsiang Lee, Asif Rashid, Angelo M. DeMarzo, Yae Kanai, Setsuo Hirohashi, William G. Nelson: *GSTP1* CpG island DNA hypermethylation in hepatocellular carcinomas. *International Journal of Cancer* **16**: 663-676, 2000.
29. Elizabeth Williams, **James D. Brooks**: New molecular approaches for identifying novel targets, mechanisms, and biomarkers for prostate cancer chemopreventive agents. *Urology* **57** (supplement): 100-102, 2001.
30. Samuel DePrimo, Rajesh Shinghal, Genevieve Vidanes, **James D. Brooks**: Prevention of prostate cancer. *Hematology/Oncology Clinics of North America* **15**: 445-457, 2001.
31. John E. McNeal, Ronald J. Cohen, **James D. Brooks**: Role of cytologic criteria in the histologic diagnosis of Gleason grade 1 prostatic adenocarcinoma. *Human Pathology* **32**: 441-446, 2001.
32. **James D. Brooks**, Vincent G. Paton, Genevieve Vidanes: Potent induction of phase 2 enzymes in human prostate cells by sulforaphane. *Cancer, Epidemiology, Biomarkers & Prevention* **10**: 949-954, 2001.
33. **James D. Brooks**, E. Jeffrey Metter, Daniel W. Chan, Lori J. Sokoll, Patricia Landis, William G. Nelson, Dennis Muller, Reubin Andres, H. Ballentine Carter: Plasma selenium level before diagnosis and the risk of prostate cancer development. *Journal of Urology* **166**: 2034-2038, 2001.

34. Lin X, Tascilar M, Lee WH, Vles WJ, Lee BH, Veeraswamy R, Asgari K, Freije D, van Rees B, Gage WR, Bova GS, Isaacs WB, **Brooks JD**, DeWeese TL, De Marzo AM, Nelson WG: GSTP1 CpG island hypermethylation is responsible for the absence of GSTP1 expression in human prostate cancer cells. *American Journal of Pathology* **159**: 1815-1826, 2001.
35. William G. Nelson, Angelo M. De Marzo, Theodore L. DeWeese, Xiaohui Lin, **James D. Brooks**, Matthew J. Putzi, Chad P. Nelson, John D. Groopman, Thomas W. Kensler: Preneoplastic prostate lesions: an opportunity for prostate cancer prevention. *Annals of New York Academy of Sciences* **952**:135-144, 2001.
36. **James D. Brooks**, Scott E. Eggener, Wen-Min Chow: Anatomy of the rectourethralis muscle. *European Urology* **41**: 94-100, 2002.
37. Steven R. Schwarze, Samuel E. DePrimo, Lisa M. Grabert, Vivian X. Fu, **James D. Brooks**, David F. Jarrard: Novel pathways associated with bypassing cellular senescence in human prostate epithelial cells. *Journal of Biological Chemistry* **277**: 14877-14883, 2002.
38. Genevieve M. Vidanes, Vince Paton, Eric Wallen, Donna Peehl, Nora Navone, **James D. Brooks**: Silencing of pi-class glutathione S-transferase in MDA PCa 2a and MDA PCa 2b cells. *Prostate* **51**: 225-230, 2002.
39. Samuel E. DePrimo, Maximilian Diehn, Joel B. Nelson, Robert E. Reiter, John Matese, Michael Fero, Robert Tibshirani, Patrick O. Brown, **James D. Brooks**: Transcriptional programs activated by exposure of human prostate cancer cells to androgen. *Genome Biology* **3**: research 0032.1-0032.12, 2002.
40. **James D. Brooks**: Microarray analysis in prostate cancer research. *Current Opinion in Urology* **12**: 395-399, 2002.
41. Atsuko Shibata, Maria Isabel Garcia, Iona Cheng, Thomas A. Stamey, John E. McNeal, **James D. Brooks**, Stavonnie Henderson, Cheryl Yemoto, Donna Peehl: Polymorphisms in the androgen receptor and type II 5alpha-reductase genes and prostate cancer prognosis. *Prostate* **52**: 269-278, 2002.
42. **James D. Brooks**, Michael F. Goldberg, Linda A. Nelson, David Wu, William G. Nelson: Identification of potential prostate cancer preventative agents through induction of quinone reductase *in vitro*. *Cancer Epidemiology, Biomarkers & Prevention* **11**: 868-875, 2002.
43. John P. T. Higgins, Kelli Montgomery, Lingli Wang, Elizabeth Domanay, Roger A. Warnke, **James D. Brooks**, Matt van de Rijn: Expression of FKBP12 in benign and malignant vascular endothelium: an immunohistochemical study on conventional sections and tissue microarrays. *American Journal of Surgical Pathology* **27**: 58-64, 2003.

44. Rajesh Shinghal, Cheryl Yemoto, John McNeal, **James D. Brooks**: Biochemical recurrence without PSA progression characterizes a subset of patients after radical prostatectomy. *Urology* **61**: 380-385, 2003.
45. John P. T. Higgins, Rajesh Shinghal, Harcharan Gill, Jeffery H. Reese, Martha Terris, Ronald J. Cohen, Michael Fero, Jonathan R. Pollack, Matt Van de Rijn, **James D. Brooks**: Gene expression patterns in renal cell carcinoma assessed by complimentary DNA microarray. *American Journal of Pathology* **162**: 925-932, 2003.
46. Paul-Martin Holterhus, O. Hiort, Janos Demeter, Patrick O. Brown, **James D. Brooks**: Differential gene-expression patterns in genital fibroblasts of normal males and 46, XY-females with androgen insensitivity syndrome: evidence for early programming involving the androgen receptor. *Genome Biology* **4**(6): R37.1-R37.10, 2003.
47. Jamie M. Sperger, Xin Chen, Jonathan S. Draper, Jessica E. Antosiewicz, Chris Chon, Sunita Jones, **James D. Brooks**, Patrick O. Brown, Peter Andrews, James A. Thompson: Gene expression patterns in human embryonic stem cells and human pluripotent germ cell tumors. *Proceedings of the National Academy of Sciences USA* **100**: 13350-13355, 2003.
48. Hongjuan Zhao, Michael L. Whitfield, Tong Xu, David Botstein, **James D. Brooks**: Diverse effects of methylselenic acid on the transcriptional program of human prostate cancer cells. *Molecular Biology of the Cell* **15**: 506-519, 2004.
49. John P.T. Higgins, Lingli Wang, Neeraja Kambham, Kelli Montgomery, Veronica Mason, Stefanie Vogelmann, Kevin Lemley, Patrick O. Brown, **James D. Brooks**, Matt van de Rijn: Gene expression in the normal adult human kidney assessed by complementary DNA microarray. *Molecular Biology of the Cell* **15**: 649-656, 2004.
50. Jacques LaPointe, Chunde Li, John P. Higgins, Matt van de Rijn, Eric Bair, Kelli Montgomery, Michelle Ferrari, Peter Ekman, Angelo DeMarzo, Robert Tibshirani, David Botstein, Patrick O. Brown, **James D. Brooks**, Jonathan R. Pollack: Gene expression profiling identifies clinically relevant subtypes of prostate cancer. *Proceedings of the National Academy of Sciences USA* **101**: 811-816, 2004 (Corresponding author).
51. Aruna V. Krishnan, Rajesh Shinghal, Nalini Raghavachari, **James D. Brooks**, Donna M. Peehl, David Feldman: Analysis of vitamin D-regulated gene expression in LNCaP human prostate cancer cells using cDNA microarrays. *Prostate* **59**: 243-251, 2004.
52. Debby H. Chao, John P. T. Higgins, **James D. Brooks**: Biochemical remission following resection of a prostate cancer lung metastasis. *Urology*, **63**: 584-85, 2004.
53. Joseph C. Presti, Una Lee, **James D. Brooks**, Martha K. Terris: Lower body mass index is associated with a higher prostate cancer detection rate and less favorable pathological features in a biopsy population. *Journal of Urology*, **171**: 2199-2202, 2004.

54. Christopher R. King, Joseph C. Presti, Harcharan Gill, **James Brooks**, Steven L. Hancock: Radiotherapy after radical prostatectomy: does transient androgen suppression improve outcomes? *International Journal of Radiation Oncology Biology Physics* **59**: 341-347, 2004.
55. Jeffrey B. Marotte, Michelle K. Ferrari, John E. McNeal, **James D. Brooks**, Joseph C. Presti, Jr.: Time trends in pathologic features of radical prostatectomy - impact of family history. *Urologic Oncology* **22**: 169-173, 2004.
56. Michelle Ferrari, Sameer Malhotra, John E. McNeal, **James D. Brooks**: Vascular invasion predicts recurrence after radical prostatectomy: stratification of risk based on pathologic variables. *Urology* **64**: 749-753, 2004.
57. Donna Peehl, Rajesh Shinghal, Larisa Nonn, Eugene Seto, Aruna V. Krishnan, **James D. Brooks**, David Feldman: Molecular activity of 1,25-dihydroxyvitamin D3 in primary cultures of human prostate epithelial cells revealed by cDNA microarray analysis. *Journal of Steroid Biochemistry & Molecular Biology* **92**: 131-141, 2004.
58. Graham E. J. Rodwell, Rebecca Sonu, Jacob M. Zahn, James Lund, Julie Wilhelmy, Lingli Wang, Wenzhong Xiao, Michael Mindrinos, Emily Crane, Eran Segal, Bryan D. Myers, **James D. Brooks**, Ronald W. Davis, John Higgins, Art B. Owen, Stuart K. Kim: A transcriptional profile of aging in the human kidney. *PLoS Biology* **2**: e427, 2004.
59. Hongjuan Zhao, Frank Lai, Larisa Nonn, **James D. Brooks**, Donna M. Peehl: Molecular targets of doxazosin in human prostatic stromal cells. *Prostate* **62**: 400-410, 2005.
60. Hongjuan Zhao, Young Kim, Pei Wang, Jacques LaPointe, Rob Tibshirani, Jonathan R. Pollack, **James D. Brooks**: Genome-wide characterization of gene expression variations and DNA copy number changes in prostate cancer cell lines. *Prostate* **63**: 187-197, 2005.
61. Sunita Jones, Samuel DePrimo, Michael Whitfield, **James D. Brooks**: Resveratrol-induced gene expression profiles in human prostate cancer cells. *Cancer Epidemiology, Biomarkers & Prevention* **14**: 596-604, 2005.
62. Keith L. Lee, Jeffrey B. Marotte, Michelle K. Ferrari, John E. McNeal, **James D. Brooks**, Joseph C. Presti: Positive family history of prostate cancer is not associated with worse outcomes after radical prostatectomy. *Urology* **65**: 311-315, 2005.
63. Zhennan Gu, Mark A. Rubin, Steven Horvath, Samuel E. Deprimo, Hongjuan Zhao, **James D. Brooks**, Massimo Loda, Robert E. Reiter: Reg IV: a promising marker of hormone refractory metastatic prostate cancer. *Clinical Cancer Research* **11**: 2237-2243, 2005.
64. Hiatao Zhang, Yan Dong, Hongjuan Zhao, **James D. Brooks**, Lesleyann Hawthorn, Norma Nowak, James A. Marshall, Allen C. Gao, Clement Ip: Microarray data mining for potential selenium targets in chemoprevention of prostate cancer. *Cancer Genomics & Proteomics* **2**: 97-114, 2005.

65. Jeffrey B. Marotte, **James D. Brooks**, Daniel Sze, William A. Kennedy: Juvenile posttraumatic high-flow priapism: current management dilemmas. *Journal of Pediatric Surgery* **40**: E25-E28, 2005.
66. Deep A. Patel, Joseph C. Presti, Jr., John E. McNeal, Harcharan Gill, **James D. Brooks**, Christopher R. King: Preoperative PSA velocity is an independent prognostic factor for relapse after radical prostatectomy. *Journal of Clinical Oncology* **23**: 61757-61762, 2005.
67. Hanna Kim, Jacques LaPointe, G. Kaygusuz, D. E. Ong, Chunde Li, Matt van de Rijn, **James D. Brooks**, Jonathan R. Pollack: The retinoic acid synthesis gene ALDH1a2 is a candidate tumor suppressor in prostate cancer. *Cancer Research* **65**: 8118-8124, 2005.
68. Hongjuan Zhao, Börje Ljungberg, Kjell Grankvist, Torgny Rasmuson, Robert Tibshirani, **James D. Brooks**: Gene expression profiling predicts survival in conventional renal cell carcinoma. *PLOS Medicine* **3**: e13, 2006.
69. Sunita Jones, **James D. Brooks**: Modest induction of phase 2 enzyme activity in the F-344 rat prostate. *BMC Cancer* **6**: 62, 2006.
70. **James D. Brooks**: The application of genomic and proteomic approaches to human prostate cancer in developing diagnostic and prognostic markers. *Urologic Oncology* **24**: 222-223, 2006.
71. Jian F. Ma, Steven E. Coutre, Myriam J. Curet, **James D. Brooks**: Refractory hematuria from amyloidosis successfully treated by splenectomy. *Urology* **67**: 1085.e13-5, 2006.
72. Christopher R. King, John E. McNeal, Harcharan Gill, **James D. Brooks**, Sandy Srinivas, Joseph C. Presti Jr.: Reliability of small amounts of cancer in prostate biopsies to reveal the pathologic grade. *Urology* **67**: 1229-1234, 2006.
73. JH Bebermeier, **JD Brooks**, SE DePrimo, J Demeter, R Werner, U Deppe, O Hiort, PM Holterhus: Cell-line and tissue-specific signatures of androgen receptor co-regulator transcription. *Journal of Molecular Medicine* **84**: 919-931, 2006.
74. Shijun Li, Suvarna Bhamre, Jacques Lapointe, Jonathan R. Pollack, **James D. Brooks**: Application of genomic technologies to human prostate cancer. *OMICS- A Journal of Integrative Biology* **10**: 261-275, 2006.
75. Hongjuan Zhao, Cristiane F. Ramos, **James D. Brooks**, Donna M. Peehl: Distinctive gene expression of prostatic stromal cells cultured from diseased versus normal tissues. *Journal of Cellular Physiology* **210**: 111-121, 2007.
76. Beth R. Pflug, Hong Zheng, Michael S. Udan, Fray F. Marshall, **James D. Brooks**, Joel B. Nelson: Endothelin-1 promotes cell survival in renal cell carcinoma through the ET(A) receptor. *Cancer Letters* **246**: 139-148, 2007.

77. Hongjuan Zhao, **James D. Brooks**: Selenomethionine induced transcriptional programs in human prostate cancer cells. *Journal of Urology* **177**: 743-750, 2007. (Featured on the journal cover).
78. John P.T. Higgins, Gulsah Kaygusuz, Lingli Wang, Kelli Montgomery, Veronica Mason, Joseph C. Presti, Matt van de Rijn, **James D. Brooks**: Placental S100 (S100P) and GATA3: markers for transitional epithelium and urothelial carcinoma discovered by complementary DNA microarray. *American Journal of Surgical Pathology* **31**: 673-680, 2007.
79. Jacques Lapointe, Young Kim, Melinda Miller, Chunde Li, Gulsah Kaygusuz, Matt van de Rijn, David Huntsman, **James D. Brooks**, Jonathan R. Pollack: A variant *TMPRSS2* isoform and *ERG* fusion product in prostate cancer with implications for molecular diagnosis. *Modern Pathology* **20**: 467-473, 2007.
80. Jacques Lapointe, Chunde Li, Craig C. Giacomini, Keyan Salari, Stephanie Huang, Pei Wang, Michelle Ferrari, Tina Hernandez-Boussard, **James D. Brooks**, Jonathan R. Pollack: Genomic profiling reveals alternative genetic pathways of prostate tumorigenesis. *Cancer Research* **67**: 8504-8510, 2007 (co-corresponding author).
81. Tzu-Huey Li, Hongjuan Zhao, Yue Peng, Jason Beliakoff, **James D. Brooks**, Zijie Sun: A promoting role of androgen receptor in androgen-sensitive and insensitive prostate cancer cells. *Nucleic Acids Research* **35**: 2767-2776, 2007.
82. Paul-Martin Holterhus, Uta Deppe, Ralf Werner, Annette Richter-Unruh, Lutz Wunsch, Susanne Krege, Hans-Udo Schweikert, Janos Demeter, Felix Riepe, Olaf Hiort, **James D. Brooks**: Intrinsic androgen-dependent gene expression patterns revealed by comparison of genital fibroblasts from normal males and individuals with complete and partial androgen insensitivity syndrome. *BMC Genomics* **8**: 376, 2007.
83. Jacques Lapointe, Sameer Malhotra, John P. Higgins, Craig P. Giacomini, Maxwell Thompson, Eric Bair, Kelli Montgomery, Michelle Ferrari, Robert Tibshirani, Matt van de Rijn, **James D. Brooks**, Jonathan R. Pollack: hCAP-D3 expression marks a prostate cancer subtype with favorable clinical behavior and androgen signaling signature. *American Journal of Surgical Pathology* **32**: 205-209, 2008.
84. Christopher R. King, Joseph C. Presti, **James D. Brooks**, Harcharan Gill, Michael T. Spiotto: Postoperative prostate-specific antigen velocity independently predicts for failure of salvage radiotherapy after prostatectomy. *International Journal of Radiation Oncology Biology Physics* **70**: 1472-1477, 2008.
85. Maxwell Thompson, Jacques Lapointe, Yoon-La Choi, David E. Ong, John P. Higgins, **James D. Brooks**, Jonathan R. Pollack: Identification of candidate prostate cancer genes through comparative expression-profiling of seminal vesicle. *Prostate* **68**: 1248-1256, 2008.

86. The Cancer Genome Atlas (TCGA) Research Network: Comprehensive genomic characterization defines human glioblastoma genes and core pathways. *Nature* **455**(7216): 1061-1068, 2008.
87. **James D. Brooks**, Robert Tibshirani, Michelle Ferrari, Joseph C. Presti, Jr., Harcharan Gill, Christopher R. King: The impact of tumor volume on outcomes after radical prostatectomy: Implications for prostate cancer screening. *The Open Prostate Cancer Journal* **1**: 1-8, 2008.
88. Christopher R. King, Michelle Ferrari, **James D. Brooks**: Prognostic significance of prostate cancer originating from the transition zone. *Urologic Oncology* **27**: 592-597, 2009. (Feat. on Medwire & AUA Daily News 11/12/09).
89. Christopher R. King, **James D. Brooks**, Harcharan Gill, Todd Pawlicki, Cristian Cotrutz, Joseph C. Presti, Jr.: Stereotactic body radiotherapy for localized prostate cancer: interim results of a prospective phase II clinical trial. *International Journal of Radiation Oncology Biology Physics* **73**: 1043-1048, 2009.
90. Suvarna Bhamre, Debashis Sahoo, Robert Tibshirani, David L. Dill, **James D. Brooks**: Temporal changes in gene expression induced by sulforaphane in human prostate cancer cells. *Prostate* **69**: 181-190, 2009. (Featured in UroToday.com)
91. Srilatha Swami, Aruna Krishnan, Jacqueline Moreno, Rumi Bhattacharya, Christopher Gardner, **James D. Brooks**, Donna M. Peehl, David Feldman: Inhibition of prostaglandin synthesis and actions by genistein in human prostate cancer cells and by soy isoflavones in prostate cancer patients. *International Journal of Cancer* **124**: 2050-2059, 2009.
92. Christopher D. Gardner, Beibei Oelrich, Jenny Liu, David Feldman, Adrian Franke, **James D. Brooks**: Prostatic soy isoflavone concentrations exceed serum levels after dietary supplementation. *Prostate* **69**: 719-726, 2009.
93. John P. Higgins, Jesse K. McKenney, **James D. Brooks**, Pedram Argani, Jonathan I. Epstein: Recommendations for the reporting of surgically resected specimens of renal cell carcinoma. *American Journal of Clinical Pathology* **131**: 623-630, 2009.
94. John P. Higgins, Jesse K. McKenney, **James D. Brooks**, Pedram Argani, Jonathan I. Epstein: Recommendations for the reporting of surgically resected specimens of renal cell carcinoma: The Association of Directors of Anatomic and Surgical Pathology. *Human Pathology* **40**: 456-463, 2009.
95. Mahesh Appari, Ralf Werner, Lutz Wunsch, Gunnar Cario, Janos Demeter, Olaf Hiort, Felix Riepe, **James D. Brooks**, Paul-Martin Holterhus: Apolipoprotein D (APOD) is a putative biomarker of androgen receptor function in androgen insensitivity syndrome. *Journal of Molecular Medicine* **87**: 623-632, 2009.

96. Hongjuan Zhao, Zongming Ma, Robert Tibshirani, John P. T. Higgins, Börje Ljungberg, **James D. Brooks**: Alteration of gene expression signatures of cortical differentiation and wound response in lethal clear cell renal cell carcinomas. *PLOS ONE* **4**: e6039, 2009.
97. Paul-Martin Holterhus, Jan-Hendrik Bebermeier, Ralf Werner, Janos Demeter, Annette Richter-Unruh, Gunnar Cario, Mahesh Appari, Felix Riepe, **James D. Brooks**, Olaf Hiort: Disorders of sex development disclose transcriptional autonomy of genetic sex and androgen-programmed hormonal sex in human blood leukocytes. *BMC Genomics* **10**: 292, 2009.
98. Ariel A. Williams, John P. T. Higgins, Hongjuan Zhao, Börje Ljunberg, **James D. Brooks**: CD 9 and vimentin distinguish clear cell from chromophobe renal cell carcinoma. *BMC Clinical Pathology* **9**: 9, 2009.
99. Lisa F. Newcomb, **James D. Brooks**, Peter R. Carroll, Ziding Feng, Martin E. Gleave, Peter S. Nelson, Ian M. Thompson, Daniel W. Lin: Canary prostate active surveillance study (PASS): design of a multi-institutional active surveillance cohort and biorepository. *Urology* **75**: 407-413, 2010.
100. A. Rose Brannon, Anupama Redy, Michael Seller, Raj Pruthi, Eric Wallen, Börje Ljungberg, Hongjuan Zhao, **James D. Brooks**, Shridar Ganesan, Gyan Bhanot, Kimryn Rathmell: Molecular stratification of clear cell renal cell carcinoma by consensus clustering reveals distinct subtypes and survival patterns. *Genes & Cancer* **1**: 152-163, 2010.
101. Charles M. Quick, Neriman Gokden, Ankur R. Sangoi, **James D. Brooks**, Jesse K. McKenney: The distribution of PAX-2 immunoreactivity in the prostate gland, seminal vesicle, and ejaculatory duct: comparison with prostatic adenocarcinoma and discussion of prostatic zonal embryogenesis. *Human Pathology* **41**: 1145-1149, 2010.
102. Suvarna Bhamre, Debashis Sahoo, Robert Tibshirani, David L. Dill, **James D. Brooks**: Gene expression changes induced by genistein in the prostate cancer cell line LNCaP. *The Open Prostate Cancer Journal* **3**: 86-98, 2010.
103. Jose G. Bazan, Christopher R. King, **James D. Brooks**, Sandy Srinivas: Adjuvant docetaxel and abbreviated androgen deprivation therapy in patients with high risk prostate cancer. *The Open Prostate Cancer Journal* **3**: 99-104, 2010.
104. Benjamin I. Chung, Tatum V. Tarin, Michelle Ferrari, **James D. Brooks**: Comparison of prostate cancer tumor volume and percent cancer in prediction of biochemical recurrence and cancer specific survival. *Urologic Oncology* **29**: 314-318, 2011.
105. Ankur R. Sangoi, John P. Higgins, Robert V. Rouse, **James D. Brooks**, Jesse K. McKenney: Specificity of brachyury in the distinction of chordoma from clear cell renal cell carcinoma and germ cell tumors: a study of 305 cases. *Modern Pathology* **24**: 425-429, 2011.

106. Sameer Malhotra, Jacques Lapointe, Keyan Salari, John P. Higgins, Michelle Ferrari, Kelli Montgomery, Matt van de Rijn, **James D. Brooks**, Jonathan R. Pollack: A tri-marker proliferation index predicts biochemical recurrence after surgery for prostate cancer. *PLOS ONE* **6**: e20293, 2011. (Corresponding author.)
107. Jen-Jane Liu, **James D. Brooks**, Michelle Ferrari, Rosie Nolley, Joseph C. Presti: Small prostate size and high grade disease – biology or artifact? *Journal of Urology* **185**: 2108-2111, 2011.
108. Mark Hsu, Steven L. Chang, Michelle Ferrari, Rosalie Nolley, Joseph C. Presti, Jr., **James D. Brooks**: Length of site-specific positive surgical margins as a risk factor for biochemical recurrence following radical prostatectomy. *International Journal of Urology* **18**: 272–281, 2011.
109. The Cancer Genome Atlas Research Network: Integrated genomic analyses of ovarian carcinoma. *Nature* **474**: 609–615, 2011.
110. Yuya Kobayashi, Devin M. Absher, Zulfiqar G. Gulzar, Sarah Young, Donna Peehl, **James D. Brooks**, Richard M. Myers, Gavin Sherlock: DNA methylation profiling reveals novel biomarkers and important roles for DNA methyltransferases in prostate cancer. *Genome Research* **21**: 1017-1027, 2011.
111. Jesse K. McKenney, Jeff Simko, Michael Bonham, Lawrence D. True, Dean Troyer, Sarah Hawley, Lisa F. Newcomb, Ladan Fazli, Lakshmi P. Kunju, Marlo M. Nicolas, Funda Vakar-Lopez, Xiaotun Zhang, Peter R. Carroll, **James D. Brooks**: The potential impact of reproducibility of Gleason grading in men with early stage prostate cancer managed with active surveillance: a multi-institutional study. *Journal of Urology* **186**: 465-469, 2011.
112. Christopher R. King, **James D. Brooks**, Harcharan Gill, Joseph C. Presti Jr: Long-term outcomes from a prospective trial of stereotactic body radiotherapy for low-risk prostate cancer. *International Journal of Radiation Oncology Biology Physics* **82**: 877-882, 2012.
113. Stephanie Huang, Zulfiqar G. Gulzar, Keyan Salari, Jacques Lapointe, **James D. Brooks**, Jonathan R. Pollack: Recurrent deletion of CHD1 in prostate cancer with relevance to cell invasiveness. *Oncogene* **31**: 4164-4170, 2012.
114. **James D. Brooks**: Translational genomics: the challenge of developing cancer biomarkers. *Genome Research* **22**: 183-187, 2012.
115. Sophia B. Chernikova, Olga V. Razorenova, John Higgins, Monica Nicolau, Jennifer A. Dorth, Shirley Kwok, **James D. Brooks**, John C. Game, J. Martin Brown: Deficiency in mammalian histone H2B ubiquitin ligase Bre1 (Rnf20/Rnf40) leads to replication stress and chromosomal instability. *Cancer Research* **72**: 2111-2119, 2012.

116. Jen-Jane Liu, Michelle Ferrari, Rosie Nolley, **James D. Brooks**, Joseph C. Presti, Jr.: Performance characteristics of prostate-specific antigen in patients undergoing radical prostatectomy. *Urology* **79**: 1336-1339, 2012.
117. Ankur R. Sangoi, Jesse K. McKenney, **James D. Brooks**, Joseph V. Bonventre, John P. Higgins: Evaluation of putative renal cell carcinoma markers PAX-2, PAX-8, and hKIM-1 in germ cell tumors: a tissue microarray study of 100 cases. *Applied Immunohistochemistry & Molecular Morphology* **20**: 451-453, 2012.
118. Simon Y. Kimm, Tatum V. Tarin, Jin Hyung Lee, Bob Hu, Kristen Jensen, Dwight Nishimura, **James D. Brooks**: Methods for registration of magnetic resonance images of ex vivo prostate specimens with histology. *Journal of Magnetic Resonance Imaging* **36**: 206-212, 2012.
119. Bo Wu, **James D. Brooks**: Gene expression changes induced by unilateral ureteral obstruction in mice. *Journal of Urology* **188**: 1033-1041, 2012.
120. Matthew Truong, Bing Yang, Jennifer Wagner, Yuya Kobayashi, Victoria Rajamanickam, **James Brooks**, David Jarrard: Even-Skipped Homeobox 1 is frequently hypermethylated in prostate cancer and predicts PSA recurrence. *British Journal of Cancer* **107**: 100-107, 2012.
121. Aviva E. Weinberg, **James D. Brooks**: PIVOT and the challenges of localized prostate cancer care. *Translational Andrology and Urology* **1**: 141-143, 2012.
122. Gordon M. Cann, Zulfiqar G. Gulzar, Samantha Cooper, Robin Li, Shujun Luo, Mai Tat, Sarah Stuart, Gary Schroth, Sandhya Srinivas, Mostafa Ronaghi, **James D. Brooks**, AmirAli H. Talasaz: mRNA-Seq of single prostate cancer circulating tumor cells reveals recapitulation of gene expression and pathways found in prostate cancer. *PLOS ONE* **7**: e49144, 2012. (Corresponding author. Featured in UroToday.com)
123. Sarah Hawley, Ladan Fazli, Jesse K. McKenney, Jeff Simko, Dean Troyer, Marlo Nicolas, Lisa F. Newcomb, Janet E. Cowan, Luis Crouch, Michelle Ferrari, Javier Hernandez, Antonio Hurtado-Coll, Kyle Kuchinsky, Janet Liew, Rosario Mendez-Meza, Elizabeth Smith, Imelda Tenggarra, Xiaotun Zhang, Peter R. Carroll, June M. Chan, Martin Gleave, Raymond Lance, Daniel W. Lin, Peter S. Nelson, Ian M. Thompson, Ziding Feng, Lawrence D. True, **James D. Brooks**: A model for design and construction of a resource for the validation of prognostic prostate cancer biomarkers: the Canary Prostate Cancer Tissue Microarray. *Advances in Anatomic Pathology* **20**: 39-44, 2013.
124. Zulfiqar G. Gulzar, Jesse K. McKenney **James D. Brooks**: Increased expression of NuSAP in recurrent prostate cancer is mediated by E2F1. *Oncogene* **32**: 70-77, 2013. (Featured on MDLinx.com).

125. Tin C. Ngo, J. Joy Lee, **James D. Brooks**, Rosie Nolley, Michelle Ferrari, Joseph C. Presti: Smoking and adverse outcomes at radical prostatectomy. *Urologic Oncology* **31**: 749-754, 2013.
126. Bo Wu, Debashis Sahoo, **James D. Brooks**: Comprehensive gene expression changes associated with mouse postnatal kidney development. *Journal of Urology* **189**: 2385-2390, 2013.
127. **James D. Brooks**: Epigenetic changes in histologically normal prostate tissues. *Journal of Urology* **189**: 2020-2021, 2013.
128. Daniel W. Lin, Lisa F. Newcomb, Elissa C. Brown, **James D. Brooks**, Peter R. Carroll, Ziding Feng, Martin E. Gleave, Raymond S. Lance, Martin G. Sanda, Ian M. Thompson, John T. Wei, Peter S. Nelson, for the Canary Prostate Active Surveillance Study Investigators: Urinary TMPRSS2:ERG and PCA3 in an active surveillance cohort: results from a baseline analysis in the Canary Prostate Active Surveillance Study. *Clinical Cancer Research* **19**: 2442-2450, 2013.
129. Weiva Sieh, Daphne Y. Lichtensztajn, David O. Nelson, **James D. Brooks**, Ellen T. Chang: Treatment and mortality in men with localized prostate cancer: a population-based study in California. *The Open Prostate Cancer Journal* **6**: 1-9, 2013. (Co-senior author).
130. Ankur R. Sangoi, Jesse K. McKenney, **James D. Brooks**, John P. Higgins: Evaluation of SF-1 expression in testicular germ cell tumors: a tissue microarray study of 127 cases. *Applied Immunohistochemistry & Molecular Morphology* **21**: 318-321, 2013.
131. Brooke E. Howitt, **James D. Brooks**, Sunita Jones, John P.T. Higgins: Identification and characterization of 2 testicular germ cell markers, Glut3 and CyclinA2. *Applied Immunohistochemistry & Molecular Morphology* **21**: 401-407, 2013.
132. Kenneth Day, Lindsay L. Waite, Anna Thalacker-Mercer, Andrew West, Marcas Bamman, **James D. Brooks**, Richard M. Myers, Devin Absher: Differential DNA methylation with age displays both common and dynamic features across human tissues that are influenced by CpG landscape. *Genome Biology* **14**: R102, 2013.
133. **James D. Brooks**: Managing localized prostate cancer in the era of prostate-specific antigen screening. *Cancer* **119**: 3906-3909, 2013.
134. Daphne Y. Lichtensztajn, Scarlett Lin Gomez, Weiva Sieh, Benjamin I. Chung, Iona Cheng, **James D. Brooks**: Prostate cancer risk profiles in Asian-American men: Disentangling the effects of immigration status and race/ethnicity. *Journal of Urology* **191**: 952-956, 2014.
135. Jen-Jane Liu, Daphne Y. Lichtensztajn, Scarlett Lin Gomez, Weiva Sieh, Benjamin I. Chung, Iona Cheng, **James D. Brooks**: Nationwide prevalence of lymph node metastases in Gleason score 3+3=6 prostate cancer. *Pathology* **46**: 306-310, 2014.

136. Jonas Busch, Ahmed Magheli, Natalia Leva, Michelle Ferrari, Juergen Kramer, Christian Klopff, Carsten Kempkensteffen, Kurt Miller, **James D. Brooks**, Mark L. Gonzalgo: Higher rates of upgrading and upstaging in older patients undergoing radical prostatectomy and qualifying for active surveillance. *British Journal of Urology International* **114**: 517-521, 2014.
137. John T. Leppert, Janet Hanley, Todd H. Wagner, Sandy Srinivas, Glenn M. Chertow, **James D. Brooks**, Christopher S. Saigal and the Urologic Diseases in America Project: Utilization of renal mass biopsy in patients with renal cell carcinoma. *Urology* **83**: 774-780, 2014.
138. Simon L. Conti, I-Chun Thomas, Judith C. Hagedorn, Benjamin I. Chung, Glenn M. Chertow, Todd H. Wagner, **James D. Brooks**, Sandy Srinivas, John T. Leppert: Utilization of cytoreductive nephrectomy and patient survival in the targeted therapy era. *International Journal of Cancer* **134**: 2245-2252, 2014.
139. Zuxiong Chen, Zulfiqar G. Gulzar, Catherine A. St. Hill, Bruce Walcheck, **James D. Brooks**: Increased expression of *GCNT1* is associated with altered *O*-glycosylation of PSA, PAP and MUC1 in human prostate cancers. *Prostate* **74**: 1059-1067, 2014.
140. Kelvin L. Billingsley, Jae Mo Park, Sonal Josan, Ralph Hurd, Dirk Mayer, Dwight Nishimura, **James D. Brooks**, Daniel Spielman: The feasibility of assessing branched-chain amino acid metabolism in cellular models of prostate cancer with hyperpolarized [^{13}C]-ketoisocaproate. *Magnetic Resonance Imaging* **32**: 791-795, 2014.
141. Yan P. Yu, Ying Ding, Zhanghui Chen, Amantha Michalopoulos, Rui Chen, Zulfiqar G. Gulzar, Bing Yang, Kathleen Cieply, Alyssa Luvison, Bao-Guo Ren, **James D. Brooks**, David Jarrard, Joel B. Nelson, George Michalopoulos, George C. Tseng, Jian-Hua Luo: Novel fusion transcripts associate with progressive prostate cancer. *American Journal of Pathology* **184**: 2857-2866, 2014. (Accompanying editorial).
142. Brittany N. Lasseigne, Todd C. Burwell, Mohini Patil, Devin M. Absher, **James D. Brooks**, Richard M. Myers: DNA methylation profiling reveals novel diagnostic biomarkers in renal cell carcinoma. *BMC Medicine* **12**: 235, 2014. (Featured on *Alabama Live*, January 6, 2015).
143. J. J. Lee, I-Chun Thomas, Rosalie Nolley, Michelle Ferrari, **James D. Brooks**, John T. Leppert: Biologic differences between peripheral and transition zone prostate cancer. *Prostate* **75**: 183-190, 2015.
144. Michael L. Eisenberg, Shufeng Li, **James D. Brooks**, Mark R. Cullen, Laurence C. Baker: Increased risk of cancer in infertile men: analysis of US claims data. *Journal of Urology* **193**: 1596-1601, 2015.
145. Catherine A. Gordon, Zulfiqar G. Gulzar, **James D. Brooks**: *NUSAP1* expression is upregulated by loss of RB1 in prostate cancer cells. *Prostate* **75**: 517-526, 2015.

146. Steven L. Chang, Adam S. Kibel, **James D. Brooks**, Benjamin I. Chung: The impact of robotic surgery on the surgical management of prostate cancer in the USA. *British Journal of Urology International* **115**: 929-936, 2015. (Reported by Reuters: <http://www.reuters.com/article/2014/08/26/us-robot-prostate-study-idUSKBN0GQ28J20140826> and <http://www.renalandurologynews.com/robot-prostatectomy-prostate-cancer-common/article/375754/>)
147. Donna P. Ankerst, Jing Xia, Ian M. Thompson, Jr., Josef Hoefler, Lisa F. Newcomb, **James D. Brooks**, Peter R. Carroll, William J. Ellis, Martin E. Gleave, Raymond S. Lance, Peter S. Nelson, Andrew A. Wagner, John T. Wei, Ruth Etzioni, Daniel W. Lin: Precision medicine in active surveillance for prostate cancer: Development of the Canary-Early Detection Research Network active surveillance biopsy risk calculator. *European Urology* **68**: 1083–1088, 2015.
148. Dean A. Troyer, Tamara Jamaspishvili, Wei Wei, Ziding Feng, Jennifer Good, Sarah Hawley, Ladan Fazli, Jesse K. McKenney, Jeff Simko, Antonio Hurtado-Coll, Peter R. Carroll, Martin Gleave, Raymond Lance, Daniel W. Lin, Peter S. Nelson, Ian M. Thompson, Lawrence D. True, **James D. Brooks**, Jeremy A. Squire: A multicenter study shows *PTEN* deletion is strongly associated with seminal vesicle involvement and extracapsular extension in localized prostate cancer. *Prostate* **75**: 1206-1215, 2015. (Featured in *Nature Reviews Urology* **12**: 302, 2015).
149. **James D. Brooks**, Wei Wei, Sarah Hawley, Heidi Auman, Lisa Newcomb, Hilary Boyer, Ladan Fazli, Jeff Simko, Antonio Hurtado-Coll, Dean A. Troyer, Peter R. Carroll, Martin Gleave, Raymond Lance, Daniel W. Lin, Peter S. Nelson, Ian M. Thompson, Lawrence D. True, Ziding Feng, Jesse K. McKenney: Evaluation of ERG and SPINK1 by immunohistochemical staining and clinicopathological outcomes in a multi-institutional radical prostatectomy cohort of 1067 patients. *PLOS ONE* **10**: e0132343, 2015.
150. Jesse V. Jokerst, Zuxiong Chen, Lingyun Xu, Breanna Mitchell, **James D. Brooks**, Sanjiv S. Gambhir: A magnetic bead-based sensor for the quantification of multiple prostate cancer biomarkers. *PLOS ONE* **10**: e0139484, 2015. (Corresponding author).
151. Neema Jamshidi, Matthew Zapala, Ronald Korn, Lejla Aganovic, Hongjuan Zhao, Raviprakash T. Sitaram, Robert J. Tibshirani, Sudeep Banerjee, **James D. Brooks**, Eric Jonasch, Borje Ljungberg, Michael D. Kuo: The Radiogenomic Risk Score: construction of a prognostic quantitative, noninvasive image-based molecular assay for renal cell carcinoma. *Radiology* **277**: 114-123, 2015.
152. Tina Hernandez-Boussard, Suzanne Tamang, Douglas Blayney, **Jim Brooks**, Nigam Shah: New paradigms for patient-centered outcomes research in electronic medical records: an example of detecting urinary incontinence following prostatectomy. *eGEMs* **4**: Issue 3, Article 1: 1-9, 2016.

153. Tamara L. Lotan, Wei Wei, Carlos L. Morais, Sarah T. Hawley, Ladan Fazli, Antonio Hurtado-Coll, Dean Troyer, Jesse K. McKenney, Jeffrey Simko, Peter R. Carroll, Martin Gleave, Raymond Lance, Daniel W. Lin, Peter S. Nelson, Ian M. Thompson, Lawrence D. True, Ziding Feng, **James D. Brooks**: PTEN loss as determined by a clinical-grade immunohistochemistry assay is associated with worse recurrence-free survival in prostate cancer. *European Urology Focus* **2**: 180-188, 2016.
154. Lisa F. Newcomb, Ian M. Thompson, Jr., Hilary D. Boyer, **James D. Brooks**, Peter R. Carroll, Matthew R. Cooperberg, Atreya Dash, William J. Ellis, Ladan Fazli, Ziding Feng, Martin E. Gleave, Priya Kunju, Raymond S. Lance, Jesse K. McKenney, Maxwell V. Meng, Marlo M. Nicolas, Martin G. Sanda, Jeffrey Simko, Alan So, Maria S. Tretiakova, Dean A. Troyer, Lawrence D. True, Funda Vakar-Lopez, Jeff Virgin, Andrew A. Wagner, John T. Wei, Hui-Yu Yang, Yingye Zheng, Peter S. Nelson, Daniel W. Lin, for the Canary Prostate Active Surveillance Study Investigators: Outcomes of active surveillance for clinically localized prostate cancer in the prospective, multi-institutional Canary PASS cohort. *Journal of Urology* **195**: 313-320, 2016. (Featured in Medscape 1/23/2016).
155. Omar Y. Mian, Mohamed H. Khattab, Mohammad Hedayati, Jonathan Coulter, Budri Abubaker-Sharif, Julie Schwinger, Ravi K. Veeraswamy, **James D. Brooks**, Lisa Hopkins, Debika Biswal, Brian Cornblatt, William G. Nelson, Srinivasan Yegnasubramanian, Theodore L. DeWeese: GSTP1 loss results in accumulation of oxidative DNA base damage and promotes prostate cancer cell survival following exposure to protracted oxidative stress. *Prostate* **76**: 199-206, 2016.
156. Maria S. Tretiakova, Wei Wei, Hilary D. Boyer, Lisa F. Newcomb, Sarah Hawley, Heidi Auman, Funda Vakar-Lopez, Jesse K. McKenney, Ladan Fazli, Jeffrey Simko, Dean A. Troyer, Antonio Hurtado-Coll, Ian M. Thompson, Jr., Peter R. Carroll, William J. Ellis, Martin E. Gleave, Peter S. Nelson, Daniel W. Lin, Lawrence D. True, Ziding Feng, **James D. Brooks**: Prognostic value of Ki67 in localized prostate carcinoma: a multi-institutional study of >1,000 prostatectomies. *Prostate Cancer and Prostate Diseases* **19**: 264-270, 2016.
157. Philip V. Barbosa, I-Chun Thomas, Sandy Srinivas, Mark K. Buyyounouski, Benjamin I. Chung, Glenn M. Chertow, Steven M. Asch, Todd H. Wagner, **James D. Brooks**, John T. Leppert: Overall survival in patients with localized prostate cancer in the US Veterans Health Administration: is PIVOT generalizable? *European Urology* **70**: 227-230, 2016. (Accompanying editorial on pages 231-232).
158. Tamara L. Lotan, Wei Wei, Olga Ludkovski, Carlos L. Morais, Tamara Jamaspishvili, Sarah T. Hawley, Ziding Feng, Ladan Fazli, Antonio Hurtado-Coll, Jesse K. McKenney, Jeffrey Simko, Peter R. Carroll, Martin Gleave, Daniel W. Lin, Peter S. Nelson, Ian M. Thompson, Lawrence D. True, **James D. Brooks**, Raymond Lance, Dean Troyer, Jeremy A. Squire: Analytic validation of a clinical-grade PTEN immunohistochemistry assay in prostate cancer by comparison with *PTEN* FISH. *Modern Pathology* **29**: 904-914, 2016.

159. Neema Jamshidi, Eric Jonasch, Matthew Zapala, Ronald Korn, **James D. Brooks**, Borje Ljungberg, Michael Kuo: The Radiogenomic Risk Score stratifies outcomes in a renal cell cancer phase 2 clinical trial. *European Radiology* **26**: 2798-2807, 2016.
160. **James D. Brooks**, Wei Wei, Jonathan R. Pollack, Robert B. West, Jun Ho Shin, John B. Sunwoo, Sarah J. Hawley, Heidi Auman, Lisa F. Newcomb, Jeff Simko, Antonio Hurtado-Coll, Dean A. Troyer, Peter R. Carroll, Martin E. Gleave, Daniel W. Lin, Peter S. Nelson, Ian M. Thompson, Lawrence D. True, Jesse K. McKenney, Ziding Feng, Ladan Fazli: Loss of expression of AZGP1 is associated with worse clinical outcomes in a multi-institutional radical prostatectomy cohort. *Prostate* **76**: 1409-1419, 2016.
161. Jesse K. McKenney, Wei Wei, Sarah Hawley, Heidi Auman, Lisa Newcomb, Hilary Boyer, Ladan Fazli, Jeff Simko, Antonio Hurtado-Coll, Dean A. Troyer, Maria S. Tretiakova, Funda Vakar-Lopez, Peter R. Carroll, Matthew R. Cooperberg, Martin Gleave, Raymond Lance, Dan W. Lin, Peter S. Nelson, Ian M. Thompson, Lawrence True, Ziding Feng, **James D. Brooks**: Histologic grading of prostatic adenocarcinoma can be further optimized: analysis of the relative prognostic strength of individual architectural patterns in 1275 patients from the Canary retrospective cohort. *American Journal of Surgical Pathology* **40**: 1439-1456, 2016.
162. Okyaz Eminaga, Wei Wei, Sarah J. Hawley, Heidi Auman, Lisa F. Newcomb, Jeff Simko, Antonio Hurtado-Coll, Dean A. Troyer, Peter R. Carroll, Martin E. Gleave, Daniel W. Lin, Peter S. Nelson, Ian M. Thompson, Lawrence D. True, Jesse K. McKenney, Ziding Feng, Ladan Fazli, **James D. Brooks**: MUC1 expression by immunohistochemistry is associated with adverse pathologic features in prostate cancer: a multi-institutional study. *PLOS ONE* **11**: e0165236, 2016.
163. Michael Liss, Jeannette M. Schenk, Anna V. Faino, Lisa F. Newcomb, Hilary Boyer, **James D. Brooks**, Peter R. Carroll, Atreya Dash, Michael Fabrizio, Martin E. Gleave, Peter S. Nelson, Marian L. Neuhouser, John T. Wei, Yingye Zheng, Jonathan L. Wright, Daniel W. Lin, Ian M. Thompson: A diagnosis of prostate cancer and pursuit of active surveillance is not followed by weight loss: potential for a teachable moment. *Prostate Cancer and Prostate Diseases* **19**: 390-394, 2016.
164. Harsha R. Mittakanti, I-Chun Thomas, Jeremy B. Shelton, Danil V. Makarov, Ted A. Skolarus, Matthew R. Cooperberg, Benjamin I. Chung, Geoffrey A. Sonn, **James D. Brooks**, John T. Leppert: Accuracy of prostate-specific antigen values in prostate cancer registries. *Journal of Clinical Oncology* **34**: 3586-3587, 2016.
165. John T. Leppert, Harsha R. Mittakanti, I-Chun Thomas, Remy W. Lamberts, Geoff A. Sonn, Benjamin I. Chung, Eila C. Skinner, Todd H. Wagner, Glenn M. Chertow, **James D. Brooks**: Contemporary use of partial nephrectomy: are older patients with impaired kidney function being left behind? *Urology* **100**: 65-71, 2017. (Featured on the AUA Daily Scope, September 29, 2016; *Journal of Urology* **200**: 9, 2018).

166. Catherine A. Gordon, Xue Gong, Durga Ganesh, **James D. Brooks**: NUSAP1 promotes invasion and metastasis of prostate cancer. *Oncotarget* **8**: 29935-29950, 2017. (Published as a priority paper and featured in an accompanying editorial).
167. Xue Gong, Zhewei Shen, Okyaz Eminaga, Yusuke Sato, Haruki Kume, Yukio Homma, Seishi Ogawa, Jonathan R. Pollack, **James D. Brooks**: Novel lincRNA SLINKY is a prognostic biomarker in kidney cancer. *Oncotarget* **8**: 18657-18669, 2017. (Featured on the journal cover, published as a priority paper and featured in an accompanying editorial).
168. Shibdas Banerjee, Richard N. Zare, Robert Tibshirani, Christian A. Kunder, Rosalie Nolley, Richard Fan, **James D. Brooks**, Geoffrey A. Sonn: Diagnosis of prostate cancer by desorption electrospray ionization mass spectrometric imaging of small metabolites and lipids. *Proceedings of the National Academy of Sciences USA* **114**: 3334-3339, 2017. (featured in *Nature Reviews Urology*, published online 29 Mar 2017).
169. Liam C. Macleod, William J. Ellis, Lisa F. Newcomb, Yingye Zheng, **James D. Brooks**, Peter R. Carroll, Martin E. Gleave, Raymond S. Lance, Peter S. Nelson, Ian M. Thompson, Andrew A. Wagner, John T. Wei, Daniel W. Lin: Timing of adverse prostate cancer reclassification on first surveillance biopsy: results from the Canary Prostate Cancer Active Surveillance Study. *Journal of Urology* **197**: 1026-1033, 2017. (Accompanying editorial on pages 973-974).
170. Daniel W. Lin, Lisa F. Newcomb, Marshall D. Brown, Daniel D. Sjoberg, **James D. Brooks**, Peter R. Carroll, Matthew Cooperberg, Atreya Dash, William J. Ellis, Michael Fabrizio, Martin E. Gleave, Todd M. Morgan, Peter S. Nelson, Ian M. Thompson, Yingye Zheng for the Canary Prostate Active Surveillance Study Investigators: Evaluating the four kallikrein panel of the 4Kscore for prediction of high-grade prostate cancer in men in the Canary Prostate Active Surveillance Study (PASS). *European Urology* **72**: 448-454, 2017.
171. Marie K. Kirby, Ryne C. Ramaker, Brian S. Roberts, Brittany N. Lasseigne, David S. Gunther, Todd C. Burwell, Nicholas S. Davis, Zulfiqar G. Gulzar, Devin M. Absher, Sara J. Cooper, **James D. Brooks**, Richard M. Myers: Genome-wide DNA methylation measurements in prostate tissues uncovers novel prostate cancer diagnostic biomarkers and transcription factor binding patterns. *BMC Cancer* **17**: 273, 2017. (Corresponding author).
172. Hwang Gyun Jeon, Byong Chang Jeong, Seong Il Seo, Seong Soo Jeon, Han-Yong Choi, Hyun Moo Lee, Michelle Ferrari, **James D. Brooks**, Benjamin I. Chung: Comparative rates of upstaging and upgrading in Caucasian and Korean prostate cancer patients eligible for active surveillance. *PLOS ONE* **12**: e0186026, 2017.
173. Tina Hernandez-Boussard, Panagiotis D. Kourdis, Tina Seto, Michelle Ferrari, Douglas W. Blayney, Daniel Rubin, **James D. Brooks**: Mining electronic health records to extract patient-centered outcomes following prostate cancer treatment. *American Medical Informatics Association Annual Symposium Proceedings 2017*: 876-882, 2017.

174. O. Eminaga, S. Li, L. C. Baker, **J. D. Brooks**, M. L. Eisenberg: Male infertility is associated with altered treatment course of men with cancer. *Andrology* **6**: 408-413, 2018.
175. Mathias Dyrberg Loft, Kasper Drimer Berg, Andreas Kjær, Peter Iversen, Michelle Ferrari, Chiyuan A. Zhang, Klaus Brasso, **James D. Brooks**, Martin Andreas Røder: Temporal trends in clinical and pathological characteristics for men undergoing radical prostatectomy between 1995 and 2013 at Rigshospitalet, Copenhagen, Denmark, and Stanford University Hospital, United States. *Clinical Genitourinary Cancer* **16**: e181-e192, 2018.
176. John T. Leppert, Remy W. Lamberts, I-Chun Thomas, Benjamin I. Chung, Geoffrey A. Sonn, Eila C. Skinner, Todd H. Wagner, Glenn M. Chertow, **James D. Brooks**: Incident CDK after radical or partial nephrectomy. *Journal of the American Society of Nephrology* **29**: 207-216, 2018.
177. James T. Kearns, Anna V. Faino, Lisa F. Newcomb, **James D. Brooks**, Peter R. Carroll, Atreya Dash, William J. Ellis, Michael Fabrizio, Martin E. Gleave, Todd M. Morgan, Peter S. Nelson, Ian M. Thompson, Andrew Wagner, Yingye Zheng, Daniel W. Lin: Role of surveillance biopsy with no cancer as a prognostic marker for reclassification: results from the Canary Prostate Active Surveillance Study. *European Urology* **73**: 706-712, 2018. (Accompanying editorial p. 713-714; Reviewed in *Journal of Urology* **200**: 30, 2018).
178. Debashis Sahoo, Wei Wei, Heidi Auman, Antonio Hurtado-Coll, Peter R. Carroll, Ladan Fazli, Martin E. Gleave, Daniel W. Lin, Peter S. Nelson, Jeff Simko, Ian M. Thompson, Dean A. Troyer, Lawrence D. True, Jesse K. McKenney, Ziding Feng, **James D. Brooks**: Boolean analysis identifies CD38 as a biomarker of aggressive localized prostate cancer. *Oncotarget* **9**: 6550-6561, 2018.
179. Sarah M. Totten, Majlinda Kullolli, Ravali Adusumilli, Cheylene Tanimoto, **James D. Brooks**, Parag Mallick, Sharon J. Pitteri: Multi-lectin affinity chromatography and quantitative proteomic analysis reveal differential glycoform levels between prostate cancer and benign prostatic hyperplasia sera. *Scientific Reports* **8**: 6509, 2018.
180. Matthew R. Cooperberg, **James D. Brooks**, Anna V. Faino, Lisa F. Newcomb, James T. Kearns, Peter R. Carroll, Atreya Dash, Ruth Etzioni, Michael D. Fabrizio, Martin E. Gleave, Todd M. Morgan, Peter S. Nelson, Ian M. Thompson, Andrew A. Wagner, Daniel W. Lin, Yingye Zheng: Refined analysis of prostate specific antigen kinetics to predict prostate cancer active surveillance outcomes. *European Urology* **74**: 211-217, 2018.
181. J. Thomas Helgstrand, M. Andreas Røder, Nina Klemann, Birgitte Grønkær Toft, Daphne Lichtensztajn, **James D. Brooks**, Klaus Brasso, Ben Vainer, Peter Iversen: Trends in incidence and 5-year mortality in men with newly diagnosed, metastatic prostate cancer – a population-based analysis of 2 national cohorts. *Cancer* **124**: 2931-2938, 2018. (Accompanying editorial p. 2890-2892).

182. Bo Wu, Xue Gong, William A. Kennedy, **James D. Brooks**: Identification of transcripts associated with renal damage due to ureteral obstruction as candidate urinary biomarkers. *American Journal of Physiology - Renal Physiology* **315**: F16-F26, 2018.
183. Brittany N. Lasseigne, **James D. Brooks**: The role of DNA methylation in renal cell carcinoma. *Molecular Diagnosis & Therapy* **22**: 431-442, 2018.
184. Martin G. Seneviratne, Tina Seto, Douglas W. Blayney, **James D. Brooks**, Tina Hernandez-Boussard: Architecture and implementation of a clinical research data warehouse for prostate cancer. *eGEMs* **6**: Issue 1, Article 13, 1-7, 2018.
185. David P. Guo, I-Chun Thomas, Harsha R. Mittakanti, Jeremy B. Shelton, Danil V. Makarov, Ted A. Skolarus, Mathew R. Cooperberg, Geoffrey A. Sonn, Benjamin I. Chung, **James D. Brooks**, John T. Leppert: The research implications of prostate-specific antigen registry errors: data from the Veterans Health Administration. *Journal of Urology* **200**: 541–548, 2018. (Highlighted on p. 468)
186. Martin Andreas Røder, Kasper Drimer Berg, Mathias Dyrberg Loft, Frederik Birkebæk Thomsen, Michelle Ferrari, Sorel Kurbegovic, Helene Charlotte Rytgaard, Lisa Gruschy, Klaus Brasso, Thomas Alexander Gerds, Andreas Kjær, **James D. Brooks**, Peter Iversen: The CPC risk calculator: a new app to predict prostate-specific antigen recurrence during follow-up after radical prostatectomy. *European Urology Focus* **4**: 360-368, 2018.
187. Daphne Y. Lichtensztajn, John T. Leppert, **James D. Brooks**, Sumit A. Shah, Weiva Sieh, Benjamin I. Chung, Iona Cheng: Undertreatment of high-risk localized prostate cancer in the California Latino population. *JNCCN—Journal of the National Comprehensive Cancer Network* **16**: 1353-1360, 2018.
188. Nancy N. Wang, Richard E. Fan, John T. Leppert, Pejman Ghanouni, Christian Kunder, **James D. Brooks**, Benjamin I. Chung, Geoffrey A. Sonn: Performance of multiparametric MRI appears better when measured in patients who undergo radical prostatectomy. *Research and Reports in Urology* **10**: 233–235, 2018.
189. Selen Bozkurt, Jung In Park, Michelle Ferrari, Daniel L Rubin, **James D. Brooks**, Tina Hernandez-Boussard: An automated feature engineering for digital rectal examination documentation using natural language processing. *American Medical Informatics Association Annual Symposium Proceedings 2018*, Dec 5: 288-294, 2018.
190. M. G. Seneviratne, J. M. Banda, **J. D. Brooks**, N. H. Shah, T. M. Hernandez-Boussard: Identifying cases of metastatic prostate cancer using machine learning on electronic health records. *American Medical Informatics Association Annual Symposium Proceedings 2018*, Dec 5: 1498-1504, 2018.
191. Brad Li, **James D. Brooks**: Prostate cancer screening awaits optimization to reduce inappropriate treatment. *Translational Andrology and Urology*, **7**: 903-906, 2018.

192. James T. Kearns, Anna V. Faino, Lisa F. Newcomb, Jeanette M. Schenk, **James D. Brooks**, Peter R. Carroll, Atreya Dash, William J. Ellis, Michael Fabrizio, Martin E. Gleave, Todd M. Morgan, Peter S. Nelson, Ian M. Thompson, Andrew Wagner, Yingye Zheng, Daniel W. Lin: Continued 5 α -reductase inhibitor use after prostate cancer diagnosis and the risk of reclassification and adverse pathological outcomes in the PASS. *Journal of Urology* **201**: 106-111, 2019. (Accompanying editorial p. 1-2).
193. Liang Yu, Ling Zhou, Qifeng Li, Shuixue Li, Xinhui Luo, Chiyuan Zhang, Bo Wu, **James D. Brooks**, He Sun: Elevated urinary lipocalin-2, interleukin-6 and monocyte chemoattractant protein-1 levels in children with congenital ureteropelvic junction obstruction. *Journal of Pediatric Urology* **15**: 44.e1-44.e7, 2019. (Corresponding author).
194. Martin G. Seneviratne, Selen Bozkurt, Manali I. Patel, Tina Seto, **James D. Brooks**, Douglas W. Blayney, Allison W. Kurian, Tina Hernandez-Boussard: Distribution of global health measures from routinely collected PROMIS surveys in patients with breast cancer or prostate cancer. *Cancer* **125**: 943-951, 2019.
195. Michael T. Davenport, Chiyuan A. Zhang, John T. Leppert, **James D. Brooks**, Michael L. Eisenberg: Vasectomy and the risk of prostate cancer in a prospective US cohort: Data from the NIH-AARP Diet and Health Study. *Andrology* **7**: 178-183, 2019.
196. Davide Gori, Rajendra Dulal, Douglas W. Blayney, Maria P. Fantini, **James D. Brooks**, Kathryn M. McDonald, Tina Hernandez-Boussard: Utilization of prostate cancer quality metrics for research and quality improvement: a structured review. *Joint Commission Journal on Quality and Patient Safety* **45**: 217-226, 2019.
197. Imon Banerjee, Kevin Li, Martin Seneviratne, Michelle Ferrari, Tina Seto, **James D. Brooks**, Daniel L. Rubin, Tina Hernandez-Boussard: Weakly supervised natural language processing for assessing patient-centered outcome following prostate cancer treatment. *Journal of the American Informatics Association Open* **2**: 150-159, 2019.
198. Mirabela Rusu, Christian Kunder, Richard Fan, Pejman Ghanouni, Robert West, Geoffrey Sonn, **James Brooks**: Framework for the co-registration of MRI and histology images in prostate cancer patients with radical prostatectomy. Medical Imaging 2019: Image Processing 10949, *Proceedings SPIE*: 109491P1-4, 2019.
199. Thomas J Metzner, Christian R. Hoerner, Hongjuan Zhao, Rosalie Nolley, Sumit Shah, Sandy Srinivas, John Higgins, Sunny Kao, Rajesh Shah, Joanna E. Liliental, Harcharan Gill, Benjamin Chung, Geoffrey Sonn, Eila Skinner, Donna M Peehl, **James D. Brooks**, Alice C. Fan, John T Leppert: Supporting kidney cancer research: lessons learned establishing the Stanford kidney cancer tissue bank. *Kidney Cancer Journal* **17**: 10-16, 2019. (Featured on the journal cover).
200. Xue Gong, Hongjuan Zhao, Matthias Saar, Donna M. Peehl, **James D. Brooks**: miR-22 regulates invasion, gene expression and predicts overall survival in patients with clear cell renal cell carcinoma. *Kidney Cancer* **3**: 119-132, 2019.

201. Selen Bozkurt, Kathleen M. Kan, Jung In Park, Michelle Ferrari, Daniel L. Rubin, Douglas W. Blayney, Tina Hernandez-Boussard, **James D. Brooks**: Is it possible to automatically assess pretreatment digital rectal examination documentation using natural language processing? A single-centre retrospective study. *British Medical Journal Open* **9**: e027182, 2019.
202. Lisa F. Newcomb, Yingye Zheng, Anna V. Faino, Daniella Bianchi-Frias, Matthew R. Cooperberg, Marshall D. Brown, **James D. Brooks**, Atreya Dash, Michael D. Fabrizio, Martin E. Gleave, Michael Liss, Todd M. Morgan, Ian M. Thompson, Andrew A. Wagner, Peter R. Carroll, Peter S. Nelson, and Daniel W. Lin: Performance of PCA3 and TMPRSS2:ERG urinary biomarkers in prediction of biopsy outcome in the Canary Prostate Active Surveillance Study (PASS). *Prostate Cancer and Prostatic Diseases* **22**: 438–445, 2019.
203. Lance W. Middleton, Zhewei Shen, Sushama Varma, Xue Gong, Shirley Zhu, Chunfang Zhu, Joseph W. Foley, Sujay Vennam, Robert T. Sweeney, Karen Tu, Jewison Biscocho, Okyaz Eminaga, Anna S. Pollack, Rosalie Nolley, **James D. Brooks**, Robert B. West, Jonathan R. Pollack: Genomic analysis of benign prostatic hyperplasia implicates cellular re-landscaping in disease pathogenesis. *JCI Insight* **4**: e129749, 2019. (Corresponding author).
204. Jean Coquet, Selen Bozkurt, Kathleen M. Kan, Michelle K. Ferrari, Douglas W. Blayney, **James D. Brooks**, Tina Hernandez-Boussard: Comparison of orthogonal NLP methods for clinical phenotyping and assessment of bone scan utilization among prostate cancer patients. *Journal of Biomedical Informatics* **94**: 103184, 2019.
205. Christopher J. Magnani, Kevin Li, Tina Seto, Kathryn M. McDonald, Douglas W. Blayney, **James D. Brooks**, Tina Hernandez-Boussard: PSA testing use and prostate cancer diagnostic stage after the 2012 U. S. Preventive Services Task Force guideline changes. *JNCCN—Journal of the National Comprehensive Cancer Network* **17**: 795-803, 2019.
206. Nancy Wang, Nikola C. Teslovich, Richard E. Fan, Pejman Ghanouni, John T. Leppert, **James D. Brooks**, Sarir Ahmadi, Geoffrey A. Sonn: Applying the PRECISION approach in biopsy naïve and previously negative prostate biopsy patients. *Urologic Oncology* **37**: 530.e19-530.e24, 2019.
207. Shibdas Banerjee, Anny Chuu-Yun Wong, Xin Yan, Bo Wu, Hongjuan Zhao, Robert J. Tibshirani, Richard N. Zare, **James D. Brooks**: Early detection of unilateral ureteral obstruction by desorption electrospray ionization mass spectrometry. *Scientific Reports* **9**: 11007, 2019.
208. Lingyun Xu, Jung-Rok Lee, Shiyong Hao, Bruce Ling, **James D. Brooks**, Shan Wang, Sanjiv Sam Gambhir: Improved detection of prostate cancer using a magneto-nanosensor assay for serum circulating autoantibodies. *PLOS ONE* **14**: e0221051, 2019. (Featured in PLOS Collections: Targeted Anticancer Therapies and Precision Medicine in Cancer).

209. Yiren Xiao, Hongjuan Zhao, Lei Tian, Rosalie Nolley, Anh N. Diep, Anne Ernst, Katherine C. Fuh, Yu Rebecca Miao, Rie von Eyben, John T. Leppert, **James D. Brooks**, Donna M. Peehl, Amato J. Giaccia, Erinn B. Rankin: S100A10 is a critical mediator of GAS6/AXL-induced angiogenesis in renal cell carcinoma. *Cancer Research* **79**: 5758-5768, 2019.
210. Davide Gori, Imon Banerjee, Benjamin I. Chung, Michelle Ferrari, Paola Rucci, Douglas W. Blayney, **James D. Brooks**, Tina Hernandez-Boussard: Extracting patient-centered outcomes from clinical notes in electronic health records: assessment of urinary incontinence after radical prostatectomy. *eGEMs* **7**: 43, pp. 1–8, 2019.
211. Sri-Rajasekhar Kothapalli, Geoffrey A. Sonn, Jung Woo Choe, Amin Nikoozadeh, Anshuman Bhuyan, Kwan Kyu Park, Paul Cristman, Richard Fan, Azadeh Moeini, Byung Chul Lee, Jonathan Wu, Thomas E. Carver, Dharati Trivedi, Lillian Shiiba, Idan Steinberg, David M. Huland, Morten F. Rasmussen, Joseph C. Liao, **James D. Brooks**, Pierre T. Khuri-Yakub, Sanjiv S. Gambhir: Simultaneous transrectal ultrasound and photoacoustic human prostate imaging. *Science Translational Medicine* **11**: eaav2169, 2019.
212. Raphael Lenain, Martin G. Seneviratne, Selen Bozkurt, Douglas W. Blayney, **James D. Brooks**, Tina Hernandez-Boussard: Machine learning approaches for extracting stage from pathology reports in prostate cancer. *Studies in Health Technology and Informatics* **264**: 1522-1523, 2019.
213. Geoffrey A. Sonn, Richard E. Fan, Pejman Ghanouni, Nancy N. Wang, **James D. Brooks**, Andreas M. Loening, Bruce L. Daniel, Katherine J. To'o, Alan E. Thong, John T. Leppert: Prostate Magnetic Resonance Imaging interpretation varies substantially across radiologists. *European Urology Focus* **5**: 592-599, 2019.
214. Gitte Kristensen, Kasper Drimer Berg, Birgitte Grønkær Toft, Hein Vincent Stroomberg, Rosalie Nolley, **James D. Brooks**, Klaus Brasso, Martin Andreas Røder: Predictive value of AZGP1 following radical prostatectomy for prostate cancer: A cohort study and meta-analysis. *Journal of Clinical Pathology* **72**: 696-704, 2019.
215. En-Chi Hsu, Meghan A. Rice, Abel Bermudez, Fernando Jose Garcia Marques, Merve Aslan, Ali Ghoochani, Chiyuan Amy Zhang, Yun-Sheng Chen, Aimen Zlitni, Frezghi Habte, Sahil Kumar, Rosalie Nolley, Donna M. Peehl, Amina Zoubeidi, Sanjiv Sam Gambhir, Christian Kunder, Sharon Pitteri, **James D. Brooks**, Tanya Stoyanova: Trop2 is a driver of metastatic prostate cancer with neuroendocrine phenotype via PARP1. *Proceedings of the National Academy of Sciences USA* **117**: 2032-2042, 2020.
216. Kevin Li, Imon Banerjee, Christopher J. Magnani, Tina Seto, Douglas W. Blayney, **James D. Brooks**, Tina Hernandez-Boussard: Clinical documentation to predict factors associated with urinary incontinence following prostatectomy for prostate cancer. *Research and Reports in Urology* **12**: 7-14, 2020.

217. Tina Hernandez-Boussard, Douglas W. Blayney, **James D. Brooks**: Leveraging digital data to inform and improve quality cancer care. *Cancer Epidemiology, Biomarkers & Prevention* **19**: 816-822, 2020.
218. Jeannette M Schenk, Lisa F. Newcomb, Yingye Zheng, Anna V. Faino, Kehao Zhu, Yaw A. Nyame, **James D. Brooks**, Peter R. Carroll, Matthew R. Cooperberg, Atreya Dash, Christopher P. Filson, Martin E. Gleave, Michael Liss, Francis M. Martin, Todd M. Morgan, Peter S. Nelson, Ian M. Thompson, Andrew A. Wagner, Daniel W. Lin: African American race is not associated with risk of reclassification during active surveillance: Results from the Canary Prostate Cancer Active Surveillance Study (PASS). *Journal of Urology* **203**: 727-732, 2020. (Highlighted in *AUA Daily Scope* and *Renal & Urology News*, November 11, 2019; Accompanying Editorial and reply).
219. Christian R. Hoerner, Rustin Massoudi, Thomas J. Metzner, Laurel Stell, Jennifer O'Rourke, Christina S. Kong, Joanna Liliental, **James D. Brooks**, Chiara Sabatti, John T. Leppert, Alice C. Fan: Multiregion quantification of Extracellular Signal-Regulated Kinase activity in renal cell carcinoma. *European Urology Oncology* **3**: 360-364, 2020.
220. Kanchustambham Vijayalakshmi, Vishnu Shankar, Ryan M. Bain, Rosalie Nolley, Geoffrey Sonn, Chia-Sui Kao, Hongjuan Zhao, Robert Tibshirani, Richard N. Zare, **James D. Brooks**: Identification of diagnostic metabolic signatures in clear cell renal carcinoma using mass spectrometry imaging. *International Journal of Cancer* **157**: 256-265, 2020.
221. Daniel W. Lin, Yingye Zheng, Jesse K. McKenney, Marshall D. Brown, Ruixiao Lu, Michael Crager, Hilary Boyer, Maria Tretiakova, **James D. Brooks**, Atreya Dash, Michael D. Fabrizio, Martin E. Gleave, Suzanne Kolb, Michael Liss, Todd M. Morgan, Ian M. Thompson, Andrew A. Wagner, Athanasios Tsiatis, Andrea Pingitore, H. Jeffrey Lawrence, Peter S. Nelson, Lisa F. Newcomb: Performance of the 17-gene Genomic Prostate Score test in men with prostate cancer managed with active surveillance: Results from the Canary Prostate Active Surveillance Study (PASS). *Journal of Clinical Oncology* **38**: 1549-1557, 2020. (Highlighted by *MedPage Today*, March 9, 2020, *Hematology & Oncology*, March 24, 2020 and *AUA Daily Scope*, March 10 & 26, 2020).
222. Mindy C. DeRouen, Meg McKinley, Sumit Anil Shah, Hala T. Borno, Daphne Lichtensztajn, John Leppert, **James D. Brooks**, Benjamin Chung, Scarlett Lin Gomez, Iona Cheng: Testicular cancer in Hispanics: Incidence of subtypes over time according to neighborhood sociodemographic factors in California. *Cancer Causes & Control* **31**: 713-721, 2020. (Featured on *UroToday*).
223. Ericka M. Sohlberg, I-Chun Thomas, Kristopher Kapphahn, Jaden Yang, Timothy J. Daskivich, Ted A. Skolarus, Jeremy B. Shelton, Danil Makarov, Jonathan Bergman, Christine Ko Bang, Todd H. Wagner, **James D. Brooks**, Manisha Desai, John T. Leppert: Life expectancy estimates for patients receiving prostate cancer treatment in the Veterans Health Administration using real-world data. *Urologic Oncology* **38**: 734.e1-734.e10, 2020.

224. Andrew J. Sun, I-Chun Thomas, Calyani Ganesan, Alan C. Pao, Todd H. Wagner, **James D. Brooks**, Glenn M. Chertow, John T. Leppert: The albumin-creatinine ratio and kidney function outcomes after nephrectomy. *Journal of Urology* **204**: 231-238, 2020. (Accompanying Editorial).
225. O. Rozenblatt-Rosen, A. Regev, . . . [67 authors], **James Brooks**, . . . [324 authors]: The Human Tumor Atlas Network: Charting tumor transitions across space and time at single-cell resolution. *Cell* **181**: 236–249, 2020.
226. Mads Dochedahl Winther, Gitte Kristensen, Hein Vincent Stroomberg, Kasper Drimer Berg, Birgitte Grønkær Toft, **James D. Brooks**, Klaus Brasso, Martin Andreas Røder: AZGP1 protein expression in hormone-naïve advanced prostate cancer treated with primary androgen deprivation therapy. *Diagnostics* **10**: E520, 1-12, 2020.
227. Kaushik Thakkar, Yiren Xiao, Hongjuan Zhao, James Broughton, Anh N. Diep, Rie von Eyben, David Dill, **James D. Brooks**, Donna M. Peehl, Howard Chang, Amato J. Giaccia, Subarna Sinha, Erinn B. Rankin: The m6A RNA demethylase FTO is a HIF-independent synthetic lethal partner with the VHL tumor suppressor. *Proceedings of the National Academy of Sciences USA* **117**: 21441-21449, 2020.
228. Michael A. Liss, Lisa F. Newcomb, Yingye Zheng, Michael P. Garcia, Christopher P. Filson, Hilary Boyer, **James D. Brooks**, Peter R. Carroll, Matthew R. Cooperberg, Martin E. Gleave, Frances M. Martin, Todd Morgan, Peter S. Nelson, Andrew A. Wagner, Ian M. Thompson Jr., Daniel W. Lin: Magnetic Resonance Imaging for the detection of high-grade cancer in the Canary Prostate Active Surveillance Study. *Journal of Urology* **204**: 701-706, 2020.
229. Mirabela Rusu, Wei Shao, Christian A. Kunder, Jeffrey B. Wang, Simon J. C. Sorensen, Nikola C. Teslovich, Rewa R. Sood, Leo C. Chen, Richard E. Fan, Pejman Ghanouni, **James D. Brooks**, Geoffrey A. Sonn: Registration of pre-surgical MRI and whole-mount histopathology images from radical prostatectomy via RAPSODI. *Medical Physics* **49**: 4177-4188, 2020.
230. Indrani Bhattacharya, Arun Seetharaman, Christian A. Kunder, Jeffrey B. Wang, Simon J. C. Sorensen, Nikola C. Teslovich, Rewa R. Sood, Richard E. Fan, Pejman Ghanouni, **James D. Brooks**, Geoffrey A. Sonn, Mirabela Rusu: CorrSigNet: Learning CORRelated prostate cancer SIGnatures from radiology and pathology images for improved computer aided diagnosis. *Medical Image Computing and Computer Assisted Intervention Proceedings 2020*: 315-325, 2020.
231. Kevin Brennan, Thomas J. Metzner, Chia-Sui Kao, Charlie E. Massey, Grant D. Stewart, Robert Haile, **James D. Brooks**, Megan Hitchins, John T. Leppert, Olivier Gevaert: Development of a DNA methylation-based diagnostic signature to distinguish renal cell carcinoma from benign oncocytoma. *JCO Precision Oncology* **4**: 1141-1151, 2020.

232. Matthew R. Cooperberg, Yingye Zheng, Anna V. Faino, Lisa F. Newcomb, Kehau Zhu, Janet E. Cowan, **James D. Brooks**, Atreya Dash, Martin E. Gleave, Frances Martin, Todd M. Morgan, Peter S. Nelson, Ian M. Thompson, Andrew A. Wagner, Peter R. Carroll, Daniel W. Lin: Tailoring intensity of active surveillance for low-risk prostate cancer based on individualized prediction of risk stability. *JAMA Oncology* **6**: e203187, 1-8, 2020. (Featured on MedPage Today, 8/28/2020 and the AUA Daily Scope, 3/31/2020).
233. Selen Bozkurt, Rohan Paul, Jean Coquet, Ran Sun, Imon Banerjee, **James D. Brooks**, Tina Hernandez-Boussard: Phenotyping severity of patient-centered outcomes using clinical notes: a prostate cancer use case. *Learning Health Systems* **4**: e10237, 1-9, 2020.
234. Fernandino L. Vilson, Shufeng Li, **James D. Brooks**, Michael L. Eisenberg: Sudden PSA rise to ≥ 20 ng/mL and prostate cancer diagnosis in the US: a population-based study. *Prostate* **80**: 1438–1443, 2020. (Corresponding author).
235. Casey Crump, Pär Stattin, **James D. Brooks**, Jan Sundquist, Weiva Sieh, Kristina Sundquist: Early-life cardiorespiratory fitness and long-term risk of prostate cancer. *Cancer Epidemiology, Biomarkers & Prevention* **29**: 2187–94, 2020.
236. Kieu My Huynh, Anny Chuu-Yun Wong, Bo Wu, Marc Horschman, Hongjuan Zhao, **James D. Brooks**: Sprr2f protects against renal injury by decreasing the level of reactive oxygen species in female mice. *American Journal of Physiology - Renal Physiology* **319**: F876-F884, 2020.
237. Jean Coquet, Douglas W. Blayney, **James D. Brooks**, Tina Hernandez-Boussard: Association between patient-initiated emails and overall 2-year survival in cancer patients undergoing chemotherapy: Evidence from the real-world setting. *Cancer Medicine* **9**: 8552-8561, 2020.
238. Christopher J. Magnani, Jecca R. Steinberg, Cécile I. Harmange, Xinyuan Zhang, Conor Driscoll, Alexander Bell, Jeffrey Larson, Jonathan You, Brandon E. Turner, **James D. Brooks**: Clinical trial outcomes in urology: assessing early discontinuation, results reporting, and publication in ClinicalTrials.gov registrations 2007-2019. *Journal of Urology*, In press, 2020.
239. Jean Coquet, Nicolas Bievre, Vincent Billaut, Martin Seneviratne, Christopher J. Magnani, Selen Bozkurt, **James D. Brooks**, Tina Hernandez-Boussard: Applying clinical trial models to the real world: predicting outcomes in metastatic castration-resistant prostate cancer. *JAMA Network Open*, In press, 2020.
240. Ericka M Sohlberg, I-Chun Thomas, Jaden Yang, Kristopher Kappahn, Kyla N. Velaer, Mary K. Goldstein, Todd H. Wagner, Glenn M. Chertow, **James D. Brooks**, Chirag J. Patel, Manisha Desai, John T. Leppert: Laboratory-wide association study of survival with prostate cancer. *Cancer*, In press, 2020.

241. Christopher J. Magnani, Nicolas Bievre, Laurence C. Baker, **James D. Brooks**, Douglas W. Blayney, Tina Hernandez-Boussard: Real world evidence to estimate prostate cancer costs for first-line treatment or active surveillance. *European Urology Open Science*, In press, 2020.
242. Wei Shao, Linda Banh, Christian Kunder, Richard E. Fan, Simon J. C. Soerensen, Jeffrey B. Wang, Nikola C. Teslovich, Pejman Ghanouni, **James D. Brooks**, Geoffrey A. Sonn, Mirabela Rusu: ProsRegNet: a deep learning framework for registration of MRI and histopathology images of the prostate. *Medical Image Analysis*, In press, 2020.

Letters, Comments and Editorials

1. **James D. Brooks**: Book review: Applied Laparoscopic Anatomy: Abdomen and Pelvis by G.G. Wind. *Journal of Urology* **158**: 681-682, 1997.
2. **James D. Brooks**: Epidemiologic and genetic insights into prostate cancer prevention. *AUA News* **2(4)**: 23-26, July/August 1997.
3. **James D. Brooks**: Genetic clues to prostate cancer prevention. *Family Urology*, Fall 1997, pp. 5-8.
4. **James D. Brooks**: Selenium and prostate cancer. *AUA News* **4(5)**: 24, September/October 1999.
5. **James D. Brooks**: Letter to the Editor reply for "Male pelvic anatomy reconstructed from the Visible Human data set." *Journal of Urology* **161**: 612-613, 1999.
6. Samuel DePrimo, **James D. Brooks**: Microarray analysis and prostate cancer research. *Cancer Research Alerts* **1 (9)**: 103-105, 2000.
7. **James D. Brooks**: Letter to the Editor reply for "Plasma selenium level before diagnosis and the risk of prostate cancer development." *Journal of Urology* **168**: 662, 2002.
8. **James D. Brooks**: Editorial Comment on: "North American Mitochondrial white Haplogroups in Prostate and Renal Cancers." Booker, LM et al, *Journal of Urology* **175**: 472-473, 2006.
9. **James D. Brooks**: Editorial Comment on: "Natural history of patients with positive urinary cytologies after radical cystectomy." Raj, GV et al, *Journal of Urology* **176**: 2005, 2006.
10. **James D. Brooks**: Functional genomics and the reluctant urologist. *AUA News* **12(6)**: 4-6, 2007.
11. **James D. Brooks**: Basic science highlights. *AUA News* **12(8)**: 4-5, 2007.

12. **James D. Brooks:** Editorial Comment on: “The short-term and long-term effects of radical prostatectomy on lower urinary tract symptoms.” *Journal of Urology* **178**: 2400, 2007.
13. **James D. Brooks:** Comment on: “Inducible FGFR-1 activation leads to irreversible prostate adenocarcinoma and an epithelial-to-mesenchymal transition.” Acevido et al. *Urologic Oncology* **26**: 568-569, 2008.
14. **James D. Brooks:** Comment on: “Role of TMPRSS2-ERG gene fusion in prostate cancer.” Tomlins et al., *Urologic Oncology* **26**: 569, 2008.
15. **James D. Brooks:** Comment on: “Common sequence variants on 2p15 and Xp11.22 confer susceptibility to prostate cancer.” Gudmundsson et al., *Urologic Oncology* **26**: 569-570, 2008.
16. **James D. Brooks:** Comment on: “Multiple newly identified loci associated with prostate cancer susceptibility.” Eeles et al., *Urologic Oncology* **26**: 570, 2008.
17. **James D. Brooks:** Comment on: “Multiple loci identified in a genome wide association study of prostate cancer.” Thomas et al., *Urologic Oncology* **26**: 571, 2008.
18. **James D. Brooks:** Comment on: “Why most research findings are false.” Ioannidis JP., *Urologic Oncology* **26**: 571-572, 2008.
19. J. J. Liu, **J. D. Brooks**, M. Ferrari, R. Nolly, J. C. Presti: Letter to the Editor reply for “Small prostate size and high grade disease – biology or artifact?” *Journal of Urology* **186**: 2504-2505, 2011.
20. John T. Leppert, Janet Hanley, Todd H. Wagner, Sandy Srinivas, Glenn M. Chertow, **James D. Brooks**, Christopher S. Saigal and the Urologic Diseases in America Project: Letter to the Editor reply for “Utilization of renal mass biopsy in patients with renal cell carcinoma.” *Urology* **83**: 779-780, 2014.
21. Weiva Sieh, Scarlett Lin Gomez, Daphne Y. Lichtensztajn, Iona Cheng, Jen-Jane Liu, Benjamin I. Chung, **James D. Brooks**: Re: Nationwide prevalence of lymph node metastases in Gleason score 3+3=6 prostate cancer. *Pathology* **47**: 394-395, 2015.
22. Scarlett Lin Gomez, María Elena Martínez, **James D. Brooks**, Iona Cheng, Daphne Lichtensztajn, James Murphy: Reply to: “Being a widower may be an indication for routine Prostate-Specific Antigen screening above the age of 69 years, which the American Urological Association recommends as a cutoff point.” *Cancer* **122**: 2604-2606, 2016.
23. John T. Leppert, **James D. Brooks**: Letter to the Editor Re: Brandon A. Mahal, David D. Yang, Natalie Q. Wang, et al.: “Clinical and genomic characterization of low-prostate-specific antigen, high-grade prostate cancer.” *European Urology* **74**: e110-e111, 2018.

24. **James D. Brooks:** Editorial comment on: "PTEN loss with ERG-negative status is associated with lethal disease after radical prostatectomy." Haney MN et al., *Journal of Urology* **203**: 350, 2020.
25. Jeannette M Schenk, Lisa F. Newcomb, Yingye Zheng, Anna V. Faino, Kehao Zhu, Yaw A. Nyame, **James D. Brooks**, Peter R. Carroll, Matthew R. Cooperberg, Atreya Dash, Christopher P. Filson, Martin E. Gleave, Michael Liss, Francis M. Martin, Todd M. Morgan, Peter S. Nelson, Ian M. Thompson, Andrew A. Wagner, Daniel W. Lin: Letter to the Editor reply for: "African American race is not associated with risk of reclassification during active surveillance: Results from the Canary Prostate Cancer Active Surveillance Study (PASS)." *Journal of Urology* **203**: 733, 2020.

Book Chapters

1. **James D. Brooks**, Fray F. Marshall: "Transitional Cell Carcinoma of the Upper Tract." *In Principles and Practice of Genitourinary Oncology*, D. Raghavan, H. I. Scher, S. A. Leibel and P. Lange (Eds.), Lippincott-Raven Publishers, pp. 337-346, 1997.
2. **James D. Brooks:** "Anatomy of the Lower Urinary Tract and Male Genitalia." *In Campbell's Urology*, 7th Ed. P. C. Walsh, A. B. Retik, E.D. Vaughan and A. J. Wein (Eds.), W. B. Saunders and Co. pp. 89-128, 1998.
3. **James D. Brooks:** "Anatomy of the Lower Urinary Tract and Male Genitalia." *In Campbell's Urology Study Guide*, P. C. Walsh, A. B. Retik, E.D. Vaughan and A. J. Wein (Eds.), W. B. Saunders and Co. pp. 15-20, 1998.
4. **James D. Brooks**, Section Editor and Contributor: "Urinary Tract" and "Male Reproductive System" *In Johns Hopkins Family Health Book*, Michael J. Klag (Editor), Harper Collins Publishers, New York, NY, pp. 1065-1096 and 1130-1160, 1999.
5. **James D. Brooks:** "Anatomy of the Genitourinary Tract: Lower Urinary Tract, Male, Female Genitalia." *In Objectives for Residency Education*, Alan J. Wein Editor, Published by the Society of University Urologists, 2000.
6. **James D. Brooks**, William G. Nelson: "Chemoprevention of Prostate Cancer." *In Prostate Cancer: Biology, Genetics, and the New Therapeutics*, Leland W.K. Chung, William B. Isaacs and Jonathan W. Simons, Editors, Humana Press Inc., Totowa, N.J., pp. 365-375, 2001.
7. William G. Nelson, Theodore L. DeWeese, Angelo De Marzo, **James D. Brooks:** "Prostate Cancer Prevention." *In Prostate Cancer: Principles and Practice*, Philip W. Kantoff, Peter Carroll, Anthony V. D'Amico, John Isaacs, Ronald Ross, Howard Scher, Editors. Lippincott, Williams & Wilkins, Philadelphia, PA, pp. 103-114, 2001.

8. **James D. Brooks:** "Anatomy of the Lower Urinary Tract and Male Genitalia." *In Campbell's Urology*, 8th Ed. P. C. Walsh, A. B. Retik, E.D. Vaughan and A. J. Wein (Eds.), W. B. Saunders and Co, pp. 41-80, 2002.
9. **James D. Brooks:** "Anatomy of the Lower Urinary Tract and Male Genitalia." *In Campbell's Urology Study Guide*, 2nd Ed. P. C. Walsh, A. B. Retik, E.D. Vaughan and A. J. Wein (Eds.), W. B. Saunders and Co., pp. 8-12, 2002.
10. **James D. Brooks:** "Molecular Aspects of Chemoprevention of Prostate Cancer" *In: Prostate Cancer: Principles and Practice*. Roger Kirby, Alan Partin, Mark Feneley and J. Kellogg Parsons, Editors. Lippincott, Williams & Wilkins, Philadelphia, PA, pp. 201-212, 2006.
11. **James D. Brooks:** "Anatomy of the Lower Urinary Tract and Male Genitalia." *In Campbell-Walsh Urology*, 9th Ed. A. J. Wein, L.R. Kavoussi, A. C. Novick, A. W. Partin and C. A. Peters (Eds.), Elsevier, Philadelphia, PA, pp. 38-77, 2007.
12. **James D. Brooks:** "Anatomy of the Lower Urinary Tract and Male Genitalia." *In Campbell-Walsh Urology Study Guide*, 3rd Ed. A. J. Wein, L.R. Kavoussi, A. C. Novick, A. W. Partin and C. A. Peters (Eds.), Elsevier, Philadelphia, PA, pp. 8-12, 2007.
13. Steven L. Chang, **James D. Brooks:** "Nutrition, Lifestyle Interventions and Prevention." *In Therapeutic Strategies in Prostate Cancer*. Mark Feneley and Heather Payne (Eds.), Clinical Publishing, Oxford, UK, pp. 3-23, 2007.
14. **James D. Brooks**, Advisory Board: "Volume 1: Reproductive System." *In: The Netter Collection of Medical Illustrations*. 2nd Edition. Roger P. Smith and Paul J. Turek (Eds.), Elsevier Saunders, Philadelphia, PA, 2011.
15. Benjamin I. Chung, Graham Sommer, **James D. Brooks:** "Clinical and Radiographic Anatomy of the Lower Urinary Tract and Male Genitalia." *In Campbell-Walsh Urology*, 10th Ed. A. J. Wein, L.R. Kavoussi, A. C. Novick, A. W. Partin and C. A. Peters (Eds.), Elsevier, Philadelphia, PA, pp. 33-70, 2012.
16. Benjamin I. Chung, Graham Sommer, **James D. Brooks:** "Anatomy of the Lower Urinary Tract and Male Genitalia." *In Campbell-Walsh Urology Study Guide*, 3rd Ed. A. J. Wein, L.R. Kavoussi, A. C. Novick, A. W. Partin and C. A. Peters (Eds.), Elsevier, Philadelphia, PA, pp. 5-10, 2012.
17. **James D. Brooks**, Advisory Board: "Volume 5: Urinary System." *In: The Netter Collection of Medical Illustrations*. 2nd Edition. Christopher R. Kelly and Jaime Landman (Eds.), Elsevier Saunders, Philadelphia, PA, 2012.
18. Benjamin I. Chung, Graham Sommer, **James D. Brooks:** "Surgical, Radiographic, and Endoscopic Anatomy of the Male Pelvis." *In Campbell-Walsh Urology*, 11th Ed. A. J.

Wein, L.R. Kavoussi, A. W. Partin and C. A. Peters (Eds.), Elsevier, Philadelphia, PA, pp. 1611-1630, 2016.

19. Benjamin I. Chung, Graham Sommer, **James D. Brooks**: "Anatomy of the Lower Urinary Tract and Male Genitalia." *In Campbell-Walsh Urology Study Guide*, 4th Ed. A. J. Wein, L.R. Kavoussi, A. W. Partin and C. A. Peters (Eds.), Elsevier, Philadelphia, PA, pp. 276-278, 2016.

Abstracts

1. **James D. Brooks**, Robert W. Wissler, F. J. Kezdy: Plasma lecithin cholesterol acyl transferase (LCAT) activity is decreased in rhesus monkeys on high fat, high cholesterol diets. *University of Chicago Student Research Symposium*, Chicago, IL, 1982.
2. Josh P. Novic, **James D. Brooks**, J. William Langston: Epidemiology of MPTP-induced Parkinson's disease in San Francisco Bay area heroin addicts. *Stanford Medical Research Symposium*, Stanford, CA, 1984.
3. **James D. Brooks**, Fray F. Marshall, William B. Isaacs: Alterations of tumor suppressor genes in renal cell cancer. Abstract 279, *Journal of Urology* **147**: 283A, 1992.
4. **James D. Brooks**, G. Steven Bova, William B. Isaacs: Allelic loss of the p53 gene in prostate and renal cancers. *Society for Basic Urologic Research Annual Meeting*, Washington, D.C., May 1992.
5. **James D. Brooks**, Charles B. Brendler, Lisa C. Radebaugh, James L. Mohler: Topical oxybutynin chloride (Ditropan) for relaxation of dysfunctional bladders. *Maryland Urological Association Annual Meeting*, Baltimore, Maryland, 1992.
6. **J.D. Brooks**, G.S. Bova, W. B. Isaacs: Allelic loss of the p53 and Rb genes in human prostate cancers. *Molecular Biology, Natural History of Prostate Cancer*, Prout's Neck, ME, 1992.
7. **J.D. Brooks**, G. S. Bova, F. F. Marshall, W. B. Isaacs: Allelic loss of the retinoblastoma gene in primary renal and prostate cancers. Abstract 652, *Journal of Urology* **149**: 376A, 1993.
8. Mitchell S. Steiner, Arthur L. Burnett, **James D. Brooks**, Charles B. Brendler, Ray E. Stutzman, H. Ballentine Carter: Tubularized neourethra following radical retropubic prostatectomy. Abstract 663, *Journal of Urology* **149**: 378A, 1993.
9. **James D. Brooks**, Wen-Hsiang Lee, Don Vindivich, Marne CarMichael, Jonathan I. Epstein, William B. Isaacs, William G. Nelson: Altered regulation of glutathione-S-transferase pi in human prostatic cancer cells. Abstract 1028, *Journal of Urology* **149**: 470A, 1993.

10. Wen-Hsiang Lee, **James D. Brooks**, William B. Isaacs, William G. Nelson: Human prostatic cancers display altered regulation of glutathione S-transferase pi. *The Clinical Implications of Prostate Cancer Biology. Genitourinary Oncology Conference*, Univ. of Texas, M.D. Anderson Cancer Center, Houston Texas, 1993.
11. **James D. Brooks**, Glenn M. Preminger, Louis R. Kavoussi, William W. Schuessler, Robert G. Moore: Comparison of endourologic approaches to the ureteropelvic junction obstruction. Abstract 666, *Journal of Urology* **151**: 394A, 1994.
12. Robert G. Moore, **James D. Brooks**, Louis R. Kavoussi, Glenn M. Preminger, William W. Schuessler: Comparison of open and endourologic approaches to the obstructed ureteropelvic junction. *Journal of Endourology* **8**: S102, 1994.
13. Donald R. Johns, **James D. Brooks**, Fray F. Marshall, William B. Isaacs: Normal mitochondrial DNA in renal oncocyctomas. Abstract 633, *Journal of Urology* **153**: 387A, 1995.
14. Wen-Hsiang Lee, Ronald A. Morton, Jonathan I. Epstein, **James D. Brooks**, Pearl A. Campbell, G. Steven Bova, Wen-Son Hseih, William B. Isaacs, William G. Nelson: Cytidine methylation of the π -class glutathione S-transferase gene in human prostate cancer. Abstract 869, *Journal of Urology* **153**: 446A, 1995.
15. Thomas J. Polascik, **James D. Brooks**, Fray F. Marshall, Jonathan I. Epstein, William Isaacs, Laszlo Fuzesi, Jay Ro, David Sidransky, Mark P. Schoenberg: Frequent loss of heterozygosity of chromosome arms 8p and 13q in collecting duct carcinoma (CDC) of the kidney. Abstract 1068, *Journal of Urology* **153**: 495A, 1995.
16. W.-H. Lee, R.A. Morton, J. I. Epstein, P. A. Campbell, **J. D. Brooks**, G. S. Bova, W. B. Isaacs, W. G. Nelson: Methylation of 5' regulatory sequences near the *GSTP1* gene in human prostatic carcinomas. Abstract 3206, *Proceedings of the American Association for Cancer Research* **36**: 538, 1995.
17. P. A. Campbell, **J.D. Brooks**, G. S. Bova, W. B. Isaacs, W. G. Nelson: Association of *MDR1* expression in human prostatic carcinomas with loss of chromosomal alleles. Abstract 1999, *Proceedings of the American Association for Cancer Research* **36**: 336, 1995.
18. **James D. Brooks**, David Wu, William G. Nelson: Identification of prostate cancer chemopreventative agents through the induction of phase II enzymes. Abstract 874, *Journal of Urology* **155**: 529A, 1996.
19. **James D. Brooks**, G. Steven Bova, Charles M. Ewing, Bob S. Carter, John Robinson, Steve Piantadosi, William B Isaacs: p53 alterations do not predict recurrence in primary human prostate cancers. Abstract 966, *Journal of Urology* **155**: 552A, 1996.

20. Campbell, P. A., **Brooks J. D.**, Bova G. S., Isaacs W. B., Nelson, W. G.: Suppression of P-glycoprotein mediated doxorubicin resistance in prostate cancer by chromosome 17. Abstract 2135, *Proceedings of the American Association for Cancer Research* **37**: 314, 1996.
21. Lee, W. H., Bova, G. S., Jarrard, D. F., **Brooks, J. D.**, Nelson, W. G., Simons, J. W., Nelson J.B.: Methylation of the endothelin B receptor gene in human prostate cancer. Abstract 1677, *Proceedings of the American Association for Cancer Research* **37**: 245, 1996.
22. Xiaohui Lin, Metin Tascilar, Wouter Vles, Wen-Hsiang Lee, G. Steven Bova, William B. Isaacs, **James D. Brooks**, William G. Nelson: Biallelic methylation of promoter sequences of the glutathione S-transferase- π gene in human prostate cancers. Abstract 1340, *Journal of Urology* **157**: 343, 1997.
23. **James D. Brooks**, Michael Weinstein, Xiaohui Lin, Metin Tascilar, Wouter Vless, G. Steven Bova, Yinghau Sun, Sokhom S. Pin, Jonathan I. Epstein, William B. Isaacs, William G. Nelson: Loss of expression of glutathione S-transferase- π in prostatic intraepithelial neoplasia (PIN). Abstract 1353, *Journal of Urology* **157**: 346, 1997.
24. Gloria L. David-Beabes, Eddy Yang, Shelly L. Chamness, Arthur L. Burnett, **James D. Brooks**, Joel B. Nelson: Nitric oxide production by human prostate cancer cell lines. Abstract 89, *Journal of Urology* **157**: 23, 1997.
25. Joel B. Nelson, Wen-Hsiang Lee, Son H. Nguyen, David F. Jarrard, **James D. Brooks**, Scott R. Magnuson, Terry J. Opgenorth, William G. Nelson, G. Steven Bova: Methylation of the 5'CpG island of the endothelin B receptor gene is common in human prostate cancer. Abstract 92, *Journal of Urology* **157**: 23, 1997.
26. William G. Nelson, Wen Hsiang Lee, **James D. Brooks**, Theodore L. DeWeese, Metin Tascilar, Xiaohui Lin, G. Steven Bova, Jonathan I. Epstein, William B. Isaacs: Deoxycytidine methylation, GST π , and prostate carcinogenesis. *7th International Prostate Cancer Update*, Beaver Creek, Colorado, 1997.
27. Yang ES, David-Beabes GL, Veereswamy R, Jarrard D, **Brooks JD**, Nelson WG: Expression of DNA methyltransferase in normal human prostate, prostate cancer, and the prostate cancer cell lines. Abstract 1221, *Proceedings of the American Association for Cancer Research* **38**: 182, 1997.
28. **James D. Brooks**, Wen-Min Chao, John Kerr: Pelvic anatomy reconstructed from the visible human data set. Abstract 53, *Journal of Urology* **159**: 14, 1998.
29. **James D. Brooks**, William G. Nelson: Somatic inactivation of the *GSTP1* gene in human prostate cancer. *Prostate Cancer and Prostate Diseases* **1** (Suppl.1): S34, 1998.

30. Rajesh Shinghal, Cheryl Yomoto, Thomas A. Stamey, **James D. Brooks**: Slow PSA velocity characterizes a subset of late PSA failures following radical prostatectomy. Abstract 269 *Journal of Urology* **161**: 69, 1999.
31. **James D. Brooks**, E. Jeffrey Metter, Daniel W. Chan, Lori J. Sokoll, Patricia Landis, William G. Nelson, Dennis Muller, Reubin Andres, H. Ballentine Carter: Prediagnostic serum selenium levels and the risk of prostate cancer development. Abstract 261, *Journal of Urology* **161**: 71, 1999.
32. Hong Zheng, Beth Pflug, Fray F. Marshall, Joel B. Nelson, **James D. Brooks**: Frequent promoter methylation of the endothelin B receptor gene *EDNRB* in human renal tumors. Abstract 523, *Journal of Urology* **161**: 137, 1999.
33. **James D. Brooks**, Vincent Paton: Potent induction of carcinogen defence enzymes with sulforaphane, a putative prostate cancer chemopreventive agent. *Prostate Cancer and Prostatic Diseases* **2** (Supplement 3): S8-9, 1999.
34. Rajesh Shinghal, Cheryl Yomoto, Thomas A. Stamey, **James D. Brooks**: Slow PSA velocity characterizes a subset of late PSA failures following radical prostatectomy. *Western Section of the AUA*, Sept 29, 1999.
35. Samuel DePrimo, Joel Nelson, Patrick O. Brown, **James D. Brooks**: Microarray analysis of the transcriptional program activated by exposure of prostate cells to androgen. *Proc Am Assoc Cancer Research* **41**: 315-316, 2000.
36. Schwarze SR, Shi Y, DePrimo SE, **Brooks JD**, Jarrard DF: Role of Cyclin dependent kinase inhibitors in the onset of senescence in human prostate epithelial and uroepithelial cells. *Society of Basic Urologic Research*, Sanibel FL, Nov 2000.
37. Rajesh Shinghal, Harcharan Gill, Patrick O. Brown, **James D. Brooks**, Jeffrey H. Reese, Martha K. Terris: Gene expression profiles of renal cell carcinoma using cDNA microarrays. Abstract 532, *Journal of Urology* **165** (Suppl.): 130, 2001.
38. Samuel E. DePrimo, Patrick O. Brown, **James D. Brooks**, Joel B. Nelson, Robert E. Reiter: Microarray analysis of the transcriptional programs activated by exposure of prostate cancer cells to androgen. Abstract 583, *Journal of Urology* **165** (Suppl.): 142, 2001.
39. Rajesh Shinghal, John Higgins, Harcharan Gill, Patrick O. Brown, Jeffrey H. Reese, Martha K. Terris, Matt van de Rijn, **James D. Brooks**: Gene expression profiles of renal cell carcinoma using cDNA microarrays. *Genomics and Proteomics in Kidney and Urologic Diseases Workshop*, July 8-10, 2001, Washington DC.
40. Higgins JPT, **Brooks JD**, Wang L, Brown PO, Botstein D, Pollack JR, van de Rijn M: Patterns of gene expression in different components of the normal kidney assessed by complimentary DNA microarrays. *World Congress of Nephrology*, San Francisco, CA, October 13-17, 2001.

41. Higgins JPT, Shinghal R, Gill H, Reese J, Terris M, Cohen RJ, Tbshirani R, Sherlock G, Fero M, Pollack JR, Brown PO, Botstein D, an de Rijn M, **Brooks JD**: Gene expression patterns in renal cell carcinoma assessed by complimentary DNA microarray. *United States and Canadian Academy of Pathology Annual Meeting*, Chicago, Illinois, February 23-29, 2002.
42. Higgins JPT, Montgomery K, Wang L, Domanay A, Warnke RA, **Brooks JD**, van de Rijn M: Expression of FKBP12 in benign and malignant vascular endothelium: An immunohistochemical study on conventional sections and tissue microarrays. *United States and Canadian Academy of Pathology Annual Meeting*, Chicago, Illinois, February 23-29, 2002.
43. Jacques LaPointe, Chunde Li, Matt Van de Rijn, John Higgins, Peter Eckman, David Botstein, Patrick Brown, **James Brooks**, Jonathan Pollack: Microarray analysis of gene expression in prostate cancer. *Proceedings of the American Association for Cancer Research* **43**: 392, 2002.
44. Steven R. Schwarze, Samuel E. DePrimo, Lisa M. Grabert, Vivian X. Fu, **James D. Brooks**, David F. Jarrard: Novel pathways associated with bypassing cellular senescence in human prostate epithelial cells. Abstract 558, *Journal of Urology* **167** (Suppl): 139, 2002.
45. Joseph C. Presti, **James D. Brooks**, Harcharan Gill, Rosey Nollie, John McNeal: Ten-core systematic biopsy results are the most powerful predictors of cancer volume at radical prostatectomy. Abstract 912, *Journal of Urology* **167** (Suppl): 226, 2002.
46. Hongjuan Zhao, Michael Whitfield, Tong Xu, **James D. Brooks**: The mechanisms of methylselenic acid actions in prostate cancer cells. *CaPCURE, Annual Meeting*, Washington D.C. September 20-22, 2002.
47. Sunita B. Jones, Chris H. Chon, Jeffrey B. Marotte, **James D. Brooks**, Patrick O. Brown, Matt van de Rijn, David F. Jarrard, Lingli Wang, Mi-Kyung Kim, Jeffrey Reese: Gene expression profiles of testicular cancer. *Proceedings of the American Association for Cancer Research* **44**: 49, 2003.
48. Chunde Li, Jacques LaPointe, Lars Egevad, Xiaolei Fang, Alexander Valdman, **James D. Brooks**, David Botstein, Peter Ekman, Jonathan Pollack, Patrick O. Brown: Characterization of significantly overexpressed genes identified by high throughput cDNA microarrays as new biomarkers in prostate cancer. Abstract 470, *Journal of Urology* **169** (Suppl): 121, 2003.
49. Sunita B. Jones, Samuel E. DePrimo, **James D. Brooks**: Resveratrol-induced gene expression profiles in human prostate cancer cells. Abstract C197, *Cancer Epidemiology, Biomarkers & Prevention* **12** (Supplement): 1353s-1354s, 2003.

50. Martha K. Terris, Una Lee, **James D. Brooks**, Joseph Presti: Higher body mass index is associated with a lower prostate cancer detection rate and more favorable pathologic features in a biopsy population. *Southeastern Section of the American Urological Association 68th Annual Conference*, Oranjestad, Aruba, March 27, 2004.
51. Joseph C. Presti, Una Lee, **James D. Brooks**, Martha K. Terris: Normal body mass index is associated with a higher prostate cancer detection rate and less favorable pathologic features in a biopsy population. Abstract 458, *Journal of Urology* **171** (Suppl): 122, 2004.
52. Michelle K. Ferrari, Sameer M. Malhotra, **James D. Brooks**: Prognostic significance of vascular invasion: a long-term follow-up of 621 radical prostatectomy patients. Abstract 842, *Journal of Urology* **171** (Suppl): 222, 2004.
53. JH Bebermeier, SE DePrimo, **JD Brooks**, O Hiort, PM Holterhus: Microarray-analysis of global androgen receptor co-regulator expression patterns in cultures derived from human genital tissues. *Experimental and Clinical Endocrinology & Diabetes* **112**: V4, 2004.
54. Sunita B. Jones, Suvarna Bhamre, **James D. Brooks**: Induction of phase 2 enzymes in the F-344 rat prostate. Abstract C128, *Cancer Epidemiology, Biomarkers & Prevention* **13** (Part 2): 11942s, 2004.
55. Hongjuan Zhao, Eric Bair, Robert Tibshirani, Borje Lungberg, **James D. Brooks**: Identification of molecular subtypes and prognostic markers in renal cell carcinoma using cDNA microarray. Abstract 372, *Journal of Urology* **173** (Suppl): 102, 2005.
56. Tzu-Huey Li, Hongjuan Zhao, Deepti Warriar, **James D Brooks**, Zijie Sun: Androgen receptor down-regulation in prostate cancer cells via adenovirus mediated RNA interference. *Proceedings of the American Association for Cancer Research* **1**: 453, 2005.
57. Hongjuan Zhao, **James D. Brooks**: Different effects of methylselenic acid and selenomethionine on the transcriptional programs of prostate cancer cells. Abstract 399, *Journal of Urology* **173** (Suppl): 109, 2005.
58. Suvarna Bhamre, Vince Paton, Hongjuan Zhao, **James D. Brooks**: Mechanisms of action of sulforaphane: a putative prostate cancer preventive agent. Abstract 401, *Journal of Urology* **173** (Suppl): 110, 2005.
59. Keith L. Lee, Jeffrey B. Marotte, Michelle Ferrari, John E. McNeal, **James D. Brooks**, Joseph C. Presti: Positive family history of prostate cancer is not associated with worse outcomes after radical prostatectomy. Abstract 1672, *Journal of Urology* **173** (Suppl): 453, 2005.
60. HY Kim, J Lapointe, **JD Brooks**, JR Pollack: The retinoic acid synthesis gene ALDH1a2 is a candidate tumor suppressor in prostate cancer. *Proceedings of the American Association for Cancer Research*: 430, 2005.

61. Zhennan Gu, Mark A Rubin, Yu Yang, Samuel E Deprimo, Hongjuan Zhou, Steve Horvath, **James D Brooks**, Loda Massimo, Robert E Reiter: Reg IV expression increases as prostate cancer progresses. *Proceedings of the American Association for Cancer Research*: 746, 2005.
62. CR King, DA Patel, JE McNeal, H Gill, **JD Brooks**, JC Presti: Pre-operative PSA velocity predicts for relapse after radical prostatectomy. *International Journal of Radiation Oncology Biology Physics* **63**: S293, 2005.
63. Karolina M. Krasinska, Suvarna Bhamre, **James Brooks**, Allis Chen: Quantitative analysis of sulforaphane and its metabolites in vivo. *53rd ASMS Conference on Mass Spectroscopy*, San Antonio, TX, WP 11-170, 2005.
64. Higgins JPT, Kaygusuz G, Wang L, Montgomery K, Mason V, **Brooks JD**, van de Rijn M: S100p: A marker for transitional epithelium and urothelial carcinoma. *United States and Canadian Academy of Pathology Annual Meeting*, Atlanta, Georgia, February 11-17, 2006.
65. Joseph C. Presti, Jr., John E. McNeal, Thomas H. Hsu, **James D. Brooks**, Harcharan Gill: Performance of PSA levels between 4 and 10 ng/ml in the era of extended biopsy schemes. Abstract 468, *Journal of Urology* **175** (Suppl): 151, 2006.
66. Christopher R. King, John E. McNeal, Harcharan Gill, **James D. Brooks**, Sandy Srinivas, Joseph C. Presti, Jr.: Reliability of small amounts of cancer in prostate biopsies to reveal true pathologic grade – implications for radiation therapy patients. Abstract 1576, *Journal of Urology* **175** (Suppl): 508, 2006.
67. Karolina M. Krasinska, Suvarna Bhamre, **James Brooks**, Allis Chen: Simultaneous LC MS/MS quantitation of sulforaphane and its metabolites: investigation of sulforaphane metabolism in rat tissues. *54th ASMS Conference on Mass Spectroscopy*, Seattle, Washington, 2006, MP01-18.
68. N Colocci, CR King, **JD Brooks**, HS Gill, JC Presti, S Srinivas: Adjuvant docetaxel and abbreviated androgen deprivation therapy in patients with high risk prostate cancer. *Journal of Clinical Oncology* (Meeting Abstracts) **25**: 15589, 2007.
69. Tatum V. Tarin, Benjamin I. Chung, **James D. Brooks**: Do cancer index and tumor volume predict prostate cancer specific death? Abstract 322, *Journal of Urology* **179** (Suppl): 115, 2008.
70. **James D. Brooks**, Hongjuan Zhao, Zhongming Ma, Robert Tibshirani, John P. Higgins Börje Ljungberg: Alteration of gene expression signatures of cortical differentiation and wound response in lethal conventional renal cell carcinomas. Abstract 108, *Journal of Urology* **181** (Suppl): 39, 2009.

71. Beibei Oelrich, Jenny Liu, David Feldman, Adrian Franke, **James D. Brooks**, Christopher Gardner: Prostatic concentration of soy isoflavone exceeds serum after dietary supplementation. Abstract 132, *Journal of Urology* **181** (Suppl): 47, 2009.
72. Simon Kimm, Tatum V. Tarin, Jin Hyung Lee, Dwight G. Nishimura, Kristen C. Jensen, Bob S. Hu, Dong S. Lee, **James D. Brooks**: Correlation of histologic sections and magnetic resonance imaging in ex-vivo human prostate specimens. Abstract 2158, *Journal of Urology* **181** (Suppl): 783, 2009.
73. Anupama Reddy, A. Rose Brannon, Michael Seiler, Joseph Irgon, Borje Ljungberg, Hongjuan Zhao, **James D. Brooks**, W. Kimryn Rathmell, Shridar Ganesan, Gyan Bhanot: A predictor for survival in intermediate grade clear cell renal cell carcinoma. 2009 *International Conference on Bioinformatics and Computational Biology*, Las Vegas, NV, July 2009.
74. S. Y. Kimm, J. H. Lee, D. G. Nishimura, T. V. Tarin, B. S. Hu, K. Jensen, **J. D. Brooks**: MR-histology correlation in ex-vivo human prostate specimens. *Proceedings of the International Society of Magnetic Resonance Medicine* **17**: 2241, 2009.
75. AmirAli H. Talasaz, Gordon Cann, Zulfiqar Gulzar, Jing Chen, Craig April, Brandy Klotzle, Mai Tat, Robin Li, Shujun Luo, Gary Schroth, **James D. Brooks**, Jian-Bing Fan, Mostafa Ronaghi: High-throughput genetic and expression analysis of circulating tumor cells. Abstract 1144, *Cancer Research* **70** (8 Supplement): 1144, 2010.
76. Simon Kimm, Rajesh Shinghal, Jen Jane Liu, Sandy Srinivas, **James Brooks**, Joseph Presti, John C. Leppert: Primary testicular lymphoma: analysis of 155 cases from the Veterans Affairs central cancer registry. Abstract 835, *American Urological Association Annual Meeting*, 2010.
77. CR King, **JD Brooks**, H Gill, JC Presti: Patient-reported long-term outcomes after hypofractionated stereotactic radiotherapy for low-risk prostate cancer: evidence from a prospective trial. *International Journal of Radiation Oncology Biology Physics* **78** (3), S336, 2010.
78. Yuya Kobayashi, Devin M. Absher, Zul G. Gulzar, Sarah Young, Donna Peehl, **James D. Brooks**, Gavin Sherlock, Richard M. Myers: Global DNA methylation changes in prostate cancer. *Mechanisms & Models of Cancer*, Cold Spring Harbor Laboratories, August 2010.
79. AR Sangoi, JP Higgins, **JD Brooks**, JK McKenney: Evaluation of brachyury in germ cell tumors (GCT) and clear cell renal cell carcinoma (CC-RCC) and: a tissue microarray study of 295 cases. *Laboratory Investigation* **90**: 216A, 2010.
80. Lane BE, Jones S, **Brooks JD**, Higgins JPT: Identification and characterization of two novel testicular germ cell markers, Glut3 and CyclinA2. *Laboratory Investigation* **91**: 205A, 2011.

81. JK McKenney, J Simko, M Bonham, LD True, S Hawley, L Newcomb, PR Carroll, **JD Brooks**: The potential impact of reproducibility of Gleason grading in men with early-stage prostate cancer managed with active surveillance: a multi-institutional study. *Laboratory Investigation* **91**: 210A, 2011.
82. A Sangoi, J Higgins, **J Brooks**, J Bonventre, J McKenney: Evaluation of putative renal cell carcinoma markers PAX-2, PAX-8, and hKIM-1 in germ cell tumors: a tissue microarray study of 100 cases. *Laboratory Investigation* **91**: 222A, 2011.
83. Zulfiqar Gulzar, **James D. Brooks**: Increased expression of the NuSAP gene in recurrent prostate cancer is mediated by E2F. Abstract 1614, *American Urological Association Annual Meeting*, 2011.
84. Tin Ngo, Joy Lee, **James Brooks**, Rosie Nolley, Michelle Ferrari, Joseph Presti: Smoking and adverse outcomes at radical prostatectomy. Abstract 459, *Journal of Urology* **185** (4s): e187, 2011.
85. Brittany N. Lasseigne, Devin Absher, **James D. Brooks**, Richard M. Myers: DNA methylation and copy number variation in the mismatch repair pathway in renal cell carcinoma. *American Chemical Society Symposium*, Birmingham, Alabama, May, 17, 2011.
86. Zuxiong Chen, Linyun Xu, Richard Gaster, Dokyoon Kim, Daniela Starcevic, Mark Stolowitz, Shan Xiang Wang, **James D. Brooks**, Sanjiv S. Gambhir: Development of a multiplex magneto-nanosensor for prostate cancer detection/prognostication. *7th Early Detection Research Network (EDRN) Scientific Workshop*, Herndon, Virginia, September 14, 2011.
87. Sunitha V. Bachawal, Jesse K. McKenney, **James D. Brooks**, Sanjiv S. Gambhir, Jürgen K. Willmann: Angiogenesis imaging using targeted microbubble contrast-enhanced ultrasound for early detection of prostate cancer. *7th Early Detection Research Network (EDRN) Scientific Workshop*, Herndon, Virginia, September 14, 2011.
88. G. Cann, Z. Gulzar, M. Tat, R. Li, S. Stuart, I. Khrebtukova, S. Luo, D. Bentley, M. Ronaghi, **J. D. Brooks**, A. H. Talasz: Whole transcriptome sequencing of circulating tumor cells from metastatic prostate cancer patients. *Proceedings of Association for Molecular Pathology*, 2011.
89. G. Cann, Z. Gulzar, M. Tat, R. Li, S. Stuart, I. Khrebtukova, S. Luo, D. Bentley, M. Ronaghi, **J. D. Brooks**, A. H. Talasz: High-throughput genetic and expression analysis of circulating tumor cells. *Proceedings of American Association of Cancer Research*, 2011.
90. Daniel Lin, Lisa Newcomb, William Ellis, Martin Gleave, Ian Thompson, **James Brooks**, Peter Nelson, Martin Sanda, Raymond Lance, John Wei, Ziding Feng, Peter Carroll, Canary/EDRN Investigators: Progression and treatment in a multi-institutional,

- prospective active surveillance study: Results from the Canary Active Surveillance Study (PASS). Abstract 990, *American Urological Association Annual Meeting*, 2012.
91. Alice C Fan, Prajna Banerjee, John Leppert, Lauren Christine Harshman, Chiara Sabatti, **James D Brooks**, Dean W Felsher: Use of nano-immuno assay to generate rapid, quantitative nanoscale proteomic profiling of the hypoxia pathway in renal cell carcinoma clinical specimens. *Journal of Clinical Oncology* (Abstracts) 30, 2012.
 92. Jen-Jane Liu, **James D Brooks**, Michelle Ferrari, Rosie Nolley, Joseph C Presti: Performance characteristics of PSA in patients undergoing radical prostatectomy. *Journal of Clinical Oncology* 30(5 suppl.): 199, 2012.
 93. Lin DW, Newcomb LF, Brown EC, **Brooks JD**, Carroll P, Feng Z, Gleave ME, Lance R, Sanda MG, Thompson IM, Wei J, Nelson P: Urinary TMPRSS2: Use of ERG and PCA3 to predict tumor volume and Gleason grade in an active surveillance cohort - Results from the Canary/EDRN Prostate Active Surveillance Study. *Journal of Clinical Oncology*, 30(5 suppl.): 2, 2012.
 94. Matthew Truong, Bing Yang, Yuya Kobayashi, **James Brooks**, David Jarrard: Even-Skipped Homeobox 1 (Evx1) is frequently hypermethylated in prostate cancer and predicts PSA recurrence. Abstract 1315, *American Urological Association Annual Meeting*, 2012.
 95. Zulfiqar Gulzar, Gordon Cann, Samantha Cooper, Mai Tat, Robin Li, Sarah Stuart, Irina Khrebtukova, Shujun Luo, Mostafa Ronaghi, AmirAli H. Talasaz, **James D. Brooks**: mRNA-Seq of Single Prostate Cancer Circulating Tumor Cells Reveals Recapitulation of Gene Expression and Pathways Found in Prostate Cancer. *Prostate Cancer Foundation*, 19th Annual Scientific Meeting, Carlsbad, California, October 25, 2012.
 96. Alice C. Fan, John Leppert, Joanna E. Liliental, Liwen Xu, Thomas J. Metzner, Emelyn Shroff, Alia Yaghi, Christine Yost, **James D. Brooks**, Lauren C. Harshman, Chiara Sabatti, Sandhya Srinivas, Dean W. Felsher: Nano-scale proteomic profiles of response to targeted therapy in patients with RCC. *Proc. of American Association of Cancer Research*, 2013.
 97. JT Leppert, AC Fan, T Metzner, JE Liliental, L Xu, AE Thong, C Yost, Alia Yaghi, **JD Brooks**, LC Harshman, C Sabatti, S Srinivas, DW Felsher: Nano-scale proteomic profiling to define diagnostic signatures and biomarkers of therapeutic activity in RCC. *BJU International* **112**: 14, 2013.
 98. **James D. Brooks**, Elissa C. Brown, Matthew Cooperberg, Lisa F. Newcomb, Peter R. Carroll, Ziding Feng, Martin E. Gleave, Raymond S. Lance, Martin G. Sanda, Ian M. Thompson, John T. Wei, Peter S. Nelson, Daniel W. Lin for the Canary Prostate Active Surveillance Study Investigators: Declining PSA values are associated with a lower risk of progression in the Canary EDRN Prostate cancer Active Surveillance Study (PASS). *Journal of Clinical Oncology* **31** (15), *GU ASCO*, Orlando Florida, February 14, 2013.

99. J. Joy Lee, Chirag J. Patel, **James D. Brooks**, John T. Leppert: An environmental-wide association study (EWAS) on prostate cancer. Abstract 338, *American Urological Association Annual Meeting*, May 5, 2013. (Selected as Best Poster).
100. John Leppert, Alice Fan, Joanna Liliental, Liwen Xu, Alan Thong, Christine Yost, Alia Yaghi, Thomas Metzner, **James Brooks**, Lauren Harshman, Chiara Sabatti, Sandy Srinivas, Dean Felsher: Nano-scale proteomic profiling to define diagnostic signatures and biomarkers of therapeutic activity in RCC. Abstract 603, *American Urological Association Annual Meeting*, May 5, 2013.
101. SL Conti, IC Thomas, JC Hagedorn, BI Chung, GM Chertow, TH Wagner, **JD Brooks**, S Srinivas, JT Leppert: Utilization of cytoreductive nephrectomy and patient survival in the targeted therapy era. *BJU International* **112**: 14-16, 2013.
102. Catherine A Gordon, Xue Gong, Zulfiqar G Gulzar, **James D Brooks**: NuSAP is regulated by RB1 and modulates prostate cancer progression. Abstract 15B, *Cancer Research* **73** (19 Supplement): B15, 2013.
103. Gangwu Mei, Dragan Sebisano, Alain Mir, Zulfiqar Gulzar, **James D Brooks**, Stefanie S Jeffrey, AmirAli Talasaz: Liquid-biopsy based assays to monitor residual disease in cancer. *Journal of Clinical Oncology* **31** (15), 2013.
104. Matthew R Cooperberg, Lisa F Newcomb, Elissa C Brown, Shanshan Zhao, Ziding Feng, **James D Brooks**, Daniel W Lin: The impact of reducing the frequency of prostate specific antigen (PSA) testing among men on active surveillance for prostate cancer. *Journal of Clinical Oncology* **31** (15), 2013.
105. Tina Hernandez-Boussard, **James D. Brooks**, Nigam Shah, Suzanne Tamang, Douglas Blayne: Measurement of urinary incontinence after prostate surgery from data mining Electronic Health Records (EHR). *American Society of Clinical Oncology Annual Meeting*, 2014.
106. Lauren Harshman, John P. T. Higgins, Jeremy Copp, **James D. Brooks**: Characterization of the mTOR autophosphorylation site, S2481, as a novel biomarker in renal cell carcinoma (RCC). *American Society of Clinical Oncology Annual Meeting*, 2014.
107. Philip Barbosa, Olfat Hammam, Rosalie Nolley, Thomas Metzner, Alice Fan, Sandy Srinivas, Donna Peehl, **James Brooks**, John Leppert: IQGAP1 expression and survival in clear cell renal cell carcinoma. MP29-06, *Journal of Urology* **191**: e306-e307, 2014.
108. Philip Barbosa, I Thomas, Benjamin Chung, Sandy Srinivas, Todd Wagner, **James Brooks**, John Leppert: Overall survival among low risk prostate cancer patients treated in the VA health care system. MP78-20, *Journal of Urology* **191**: e929, 2014.

109. Sarah M. Totten, Majlinda Kulloli, **James D. Brooks**, Sharon J. Pitteri: In-depth quantitative glycoproteomic profiling of human plasma using multi-lectin affinity chromatography and mass spectrometry. Stanford Cancer Center Retreat, Asilomar, CA, October 2014.
110. Ladan Fazli, Lisa F Newcomb, **James D Brooks**, Peter R Carroll, Ziding Feng, Martin E Gleave, Peter S Nelson, Ian M Thompson, Sarah Hawley, Jesse K McKenney, Dean Troyer, MD Simko, Lawrence D True, Daniel W Lin: Canary prostate active surveillance study (PASS): A design of a multi-institutional active surveillance cohort. *International Journal of Urology* **21**: A46, 2014.
111. Maria Tretiakova, Hilary Boyer, Wei Wei, Lisa Newcomb, Funda Vakar-Lopez, Ziding Feng, **James Brooks**: Ki67 prognostic value: Multi-institutional case-control study of >1000 prostatectomies. *Laboratory Medicine* **95**: 263A, 2015.
112. Tamara Lotan, Carlos Moray, Wei Wei, Dean Troyer, Tamara Jamaspishvili, Jesse McKenney, Jeff Simko, **James Brooks**, Jeremy Squire: PTEN status determination in prostate cancer: Comparison of IHC and FISH in a large multicenter cohort. *Laboratory Medicine* **95**: 241A, 2015.
117. Xue Gong, Jonathan Pollack, **James D Brooks**: Klip1 lincRNA is a prognostic biomarker for clear cell renal cell carcinoma. *Cancer Research* **75** (22 Supplement 1): Abstract A1-70, 2015.
113. Tamara L Lotan, Carlos L Morais, Wei Wei, Tamara Jamaspishvili, Ziding Feng, Jesse McKenney, Jeff Simko, Dean Troyer, Lawrence True, **James D Brooks**, Jeremy Squire, Investigating Tissue Biomarkers, CANary Pathology Team: PTEN status determination in prostate cancer: Comparison of IHC and FISH in a large multicenter cohort. MP1-17, *Journal of Urology* **193**: e7-e8, 2015.
114. Tamara L Lotan, Wei Wei, Carlos L Morais, Ziding Feng, Sarah Hawley, Ladan Fazli, Antonio Hurtado-Coll, Dean Troyer, Jesse McKenney, Jeff Simko, Lawrence True, **James D Brooks**, CANary Pathology Team Investigating Tissue Biomarkers: PTEN loss by immunohistochemistry is associated with biochemical recurrence in ERG-negative prostate tumors: a study of the Canary cohort. MP6-13, *Journal of Urology* **193**: e59, 2015.
115. Liam C Macleod, William J Ellis, Lisa F Newcomb, Yingye Zheng, **James D Brooks**, Peter R Carroll, Martin E Gleave, Raymond S Lance, Peter S Nelson, Ian M Thompson, Andrew A Wagner, John T Wei, Hui-Yu Yang, Daniel W Lin: Timing of the confirmatory biopsy in prostate cancer active surveillance: analysis of the Canary Prostate Active Surveillance Study (PASS). PD34-03, *Journal of Urology* **193**: e755, 2015.
116. Remy Lamberts, I-Chun Thomas, Benjamin Chung, Geoffrey Sonn, Alice Fan, Sandy Srinivas, Todd Wagner, Glen Chertow, **James Brooks**, John Leppert: Differing kidney function outcomes following kidney cancer surgery in the Veterans' Health Administration. MP84-02, *Journal of Urology* **193**: e1058, 2015.

118. Sarah M Totten, Majlinda Kulloli, Cheylene Tanimoto, **James D Brooks**, Sharon J Pitteri: In-depth quantitative analysis of protein glycoforms in human prostate cancer plasma. *Cancer Research* **75** (15 Supplement): 1835, 2015.
119. John Leppert, Abhinav Golla, I-Chun Thomas, Remy Lamberts, Benjamin Chung, Geoff Sonn, Sandy Srinivas, Alice Fan, Todd Wagner, Viraj Master, **James Brooks**, Glenn Chertow, Chirag Patel: Systematic evaluation of laboratory values associated with survival in metastatic renal cell carcinoma. MP03-17, *Journal of Urology* **195**: e26, 2016.
120. Geoffrey Sonn, Richard Fan, Shufeng Li, Pejman Ghanouni, Andreas Loening, Bruce Daniel, Katherine To'o, Harcharan Gill, Benjamin Chung, **James Brooks**: Prostate cancer yield in MRI lesions varies across radiologists. MP05-15, *Journal of Urology* **195**: e42, 2016.
121. Daniel Lin, Marshall Brown, Lisa Newcomb, Daniel Sjoberg, **James Brooks**, Peter Carroll, Atreya Dash, Michael Fabrizio, Martin Gleave, Todd Morgan, Peter Nelson, Ian Thompson, Yingye Zheng: Evaluating the four kallekrein panel of the 4KScore for prediction of high grade prostate cancer in men in the Canary Prostate Active Surveillance Study (PASS). MP08-02, *Journal of Urology* **195**: e229, 2016.
122. Michael Davenport, Shufeng Li, **James Brooks**, Mark Cullen, Michael Eisenberg: Vasectomy and the risk of prostate cancer in a prospective US cohort: Analysis in the presence of selection bias. MP04-15, *Journal of Urology* **195**: e34, 2016.
123. Harsha Mittakanti, I-Chun Thomas, Remy Lamberts, Geoffrey Sonn, Benjamin Chung, Todd Wagner, Glenn Chertow, **James Brooks**, John Leppert: Changing utilization of partial nephrectomy: Are at risk patients being left behind? MP41-03, *Journal of Urology* **195**: e560, 2016.
124. Maria S Tretiakova, Wei Wei, Carlos L Morais, Ziding Feng, Jesse K McKenney, Jeff Simko, Dean Troyer, Lawrence True, Funda Vakar-Lopez, Ladan Fazli, Peter S Nelson, Daniel Lin, **James D Brooks**, Tamara Lotan: Increased proliferative rate and PTEN loss are correlated and both associated with risk of recurrence in multivariate models. *Laboratory Investigation* **96**: 267A, 2016.
125. Jesse K McKenney, Wei Wei, Sarah J Hawley, Heidi Auman, Lisa Newcomb, Hilary Boyer, Ladan Fazli, Jeff Simko, Antonio Hurtado-Coll, Dean Troyer, Maria S Tretiakova, Funda Vakar-Lopez, Peter R Carroll, Matthew R Cooperberg, Martin E Gleave, Raymond Lance, Daniel Lin, Peter S Nelson, Ian Thompson, Lawrence True, Ziding Feng, **James D Brooks**: Validation of reactive stroma as an adverse prognostic factor in Gleason grade 3+3=6 and 3+4=7 prostate adenocarcinomas (PCA) in the Canary retrospective radical prostatectomy (RP) cohort. *Laboratory Investigation* **96**: 249A, 2016.
126. N. Jäger, J. Chen, R. Haile, M. Hitchins, **J. D. Brooks**, M. Snyder: Targeted methylation sequencing of prostate cancer. Abstract P25, *Human Genomics* **10**(Suppl 1): 30-31, 2016.

127. MA Røder, KD Berg, MD Loft, TA Gerds, M Ferrari, FB Thomsen, L Gruschy, S Kurbegovic, HC Rytgaard, A Kjær, K Brasso, P Iversen, **J Brooks**: The CPC risk calculator app: A validated tool to predict recurrence after radical prostatectomy. *European Urology Supplements* **16**: e1874-e1878, 2017.
128. O Eminaga, L Shufeng, **J Brooks**, M Eisenberg: Male infertility is associated with altered treatment course of men with cancer. *European Urology Supplements* **16**: e1019, 2017. (selected as Best Poster of Session).
129. JT Helgstrand, N Klemann, B Toft, B Vainer, K Brasso, **J Brooks**, P Iversen, M Røder: Improved survival in patients diagnosed with metastatic prostate cancer—a nationwide analysis. *European Urology Supplements* **16**: e76-e77, 2017.
130. Sarah M. Totten, Cheylene Tanimoto, Abel Bermudez, Amy Hembree, **James D. Brooks**, Sharon J. Pitteri: Quantitative glycoproteomic profiling of prostate cancer tissue reveals alterations in glycosylation patterns in men with recurrent disease. *HUPO*, 2017. Dublin Ireland.
131. Sarah M. Totten, Cheylene Tanimoto, Abel Bermudez, Amy Hembree, **James D. Brooks**, Sharon J. Pitteri: Global and site-specific glycosylation analysis of prostate cancer tissue-derived glycoproteins using HCD product-dependent ETD mass spectrometry and lectin affinity chromatography. Abstract ID number: 290606. *65th ASMS Conference*, Indianapolis, IN, 2017.
132. Sarah M. Totten, Cheylene Tanimoto, Abel Bermudez, Amy Hembree, **James D. Brooks**, Sharon J. Pitteri: Aberrant glycoprotein expression in recurrent and non-recurrent prostate cancer tissue. *Cancer Research* **77**: (13 Supplement): 2213, 2017.
133. Helgstrand Thomas John, Nina Klemann, Birgitte Grønkaer Toft, Ben Vainer, Klaus Brasso, **James D Brooks**, Peter Iversen, Martin Andreas Røder: Survival trends in patients diagnosed with metastatic prostate cancer: A nationwide analysis. *Journal of Clinical Oncology* **35** (Supplement 6): 171, 2017.
134. James T Kearns, Anna V Faino, Lisa F Newcomb, **James D Brooks**, Peter Carroll, Atreya Dash, William J Ellis, Michael Fabrizio, Martin Gleave, Todd Matthew Morgan, Peter S Nelson, Ian Murchie Thompson, Andrew Wagner, Yingye Zheng, Daniel W Lin: The use of five-alpha reductase inhibitors and their association with reclassification and pathologic outcomes in the Canary Prostate Active Surveillance Study (PASS). *Journal of Clinical Oncology* **35** (Supplement 6): 171, 2017.
135. J Thomas Helgstrand, Nina Klemann, Birgitte G Toft, Klaus Brasso, Ben Vainer, Daphne Lichtensztajn, Peter Iversen, **James D Brooks**, M Andreas Røder: Trends in the incidence and survival of men diagnosed with de-novo metastatic prostate cancer in the US and Denmark - A population-based analysis of two national cohorts. Nordisk Urologisk Forum, *Scandinavian Journal of Urology* **51**: 55-56, 2017.

136. James Kearns, Anna Faino, Lisa Newcomb, **James Brooks**, Peter Carroll, Atreya Dash, William Ellis, Michael Fabrizio, Martin Gleave, Todd Morgan, Peter Nelson, Ian Thompson, Andrew Wagner, Yingye Zheng, Daniel Lin: The use of five-alpha-reductase inhibitors and their association with reclassification and pathological outcomes in the Canary Prostate Active Surveillance Study (PASS). PD55-02, *Journal of Urology* **197**: e1051, 2017.
137. David Guo, I-Chung Thomas, Harsha Mittakanti, Jeremy Shelton, Danil Makarov, Ted Skolarus, Matthew Cooperberg, Geoffrey Sonn, Benjamin Chung, **James Brooks**, John Leppert: The research implications of PSA registry errors. PD47-10, *Journal of Urology* **197**: e899-e900, 2017.
138. Matthew Cooperberg, **James Brooks**, Anna Faino, Yingye Zheng, James Kearns, Peter Carroll, Atreya Dash, Michael Fabrizio, Martin Gleave, Todd Morgan, Peter Nelson, Ian Thompson, Andrew Wagner, Lisa Newcomb, Daniel Lin: Refined analysis of prostate specific antigen (PSA) velocity to predict outcomes in active surveillance: Results from the Canary Prostate Active Surveillance Study (PASS). MP43-11, *Journal of Urology* **197**: e558, 2017.
139. James Kearns, Anna Faino, Lisa Newcomb, **James Brooks**, Peter Carroll, Atreya Dash, William Ellis, Michael Fabrizio, Martin Gleave, Todd Morgan, Peter Nelson, Ian Thompson, Andrew Wagner, Yingye Zheng, Daniel Lin: The role of surveillance biopsy with no cancer as a prognostic marker for reclassification: Results from the Canary Prostate Active Surveillance Study (PASS). MP43-10, *Journal of Urology* **197**: e557, 2017.
140. Rustin Massoudi, Christian Hoerner, Thomas Metzner, Jennifer O'Rourke, Rachael Curtis, Laurel Stell, Chiara Sabatti, **James Brooks**, Alice Fan, John Leppert: Intra-tumor heterogeneity in renal cell carcinoma: Implications for proteomic analysis of renal mass biopsies. MP39-10, *Journal of Urology* **197**: e496-e497, 2017.
141. Shibdas Banerjee, Richard N Zare, Robert Tibshirani, Christian Kunder, Rosalie Nolley, Richard Fan, James D Brooks, Geoffrey Sonn: Mass spectrometric imaging of prostate biopsy samples: Cancer margin assessment from the distribution of small metabolites and lipids. *Abstracts of Papers of the American Chemical Society* **253**, 2017.
142. Tina Hernandez-Boussard, Panagiotis Kourdis, Rajendra Dulal, Michelle Ferrari, Solomon Henry, Tina Seto, Kathryn McDonald, Douglas W Blayney, **James D Brooks**: A natural language processing algorithm to measure quality prostate cancer care. *Journal of Clinical Oncology* **35** (Supplement 8): 232, 2017.
143. Tina Hernandez-Boussard, Panayotis Kourdis, Rajendra Dulal, Michelle Ferrari, Solomon Henry, Kathryn McDonald, Tina Seto, Douglas Woods, Wen-Wai Yim, Douglas Blayney, **James Brooks**: Generating population-based evidence for patient-centered outcomes in prostate cancer patients. 2017 *Academy Health Annual Research Meeting*. Poster 1182, New Orleans, LA, June 26, 2017.

144. Liang Yu, Ling Zhou, Qifeng Li, Shuixue Li, Xinhui Luo, **James D Brooks**, Bo Wu, He Sun: Urinary biomarkers in children with congenital hydronephrosis. *Keystone Symposia: Injury, Inflammation and Fibrosis (C8)*. Snowbird UT, March 26—30, 2017.
145. Kevin Li, Christopher J Magnani, Selen Bozkurt, Tina Seto, Douglas W Blayney, **James D Brooks**, Tina Hernandez-Boussard: Practice-based evidence for factors associated with urinary incontinence following prostate cancer care. *Journal of Clinical Oncology* **36** (Supplement 6): 106, 2018.
146. Matthew R Cooperberg, Anna V Faino, Lisa F Newcomb, Peter Carroll, James T Kearns, **James D Brooks**, Michael Fabrizio, Martin Gleave, Todd Matthew Morgan, Atreya Dash, Peter Nelson, Ian Murchie Thompson, Andrew Wagner, Daniel W Lin, Yingye Zheng: When can active surveillance be less active? Prediction of long-term nonreclassification for men with low risk prostate cancer. *Journal of Clinical Oncology* **36** (Supplement 6): 140, 2018.
147. Christopher J Magnani, Kevin Li, Tina Seto, Kathryn M McDonald, Douglas W Blayney, **James D Brooks**, Tina Hernandez-Boussard: Changes in prostate specific antigen screening and prostate cancer diagnosis after guideline changes. MP40-03, *Journal of Urology* **199**: e520, 2018.
148. Andrew Sun, I-Chun Thomas, Calyani Ganesan, Joanna Sylman, Alan Pao, Todd Wagner, **James Brooks**, Glenn Chertow, John Leppert: Preoperative kidney function trends: improving estimates of baseline kidney function prior to kidney cancer surgery. MP28-15, *Journal of Urology* **199**: e362, 2018. (Awarded Best Poster)
149. Andrew Sun, I-Chun Thomas, Calyani Ganesan, Joanna Sylman, Alan Pao, Todd Wagner, **James Brooks**, Glenn Chertow, John Leppert: Renal function variability: a simple method to identify subclinical kidney disease before nephrectomy. MP28-07, *Journal of Urology* **199**: e358-e359, 2018.
150. Matthew Cooperberg, Anna Faino, Lisa Newcomb, Peter Carroll, James Kearns, **James Brooks**, Michael Fabrizio, Martin Gleave, Todd Morgan, Atreya Dash, Peter Nelson, Ian Thompson, Andrew Wagner, Yingye Zheng, Daniel Lin: When can active surveillance (AS) be less active? Prediction of long-term non-reclassification for men with low-risk prostate cancer. PD20-01, *Journal of Urology* **199**: e401, 2018.
151. Sarah Michelle Totten, Cheylene Tanimoto, Abel Bermudez, Amy Hembree, **James D Brooks**, Sharon J Pitteri: N-linked glycosylation site mapping in prostate cancer and matched normal tissue: Defining glycan microheterogeneity. *Cancer Research* **78** (13 Supplement): 5662, 2018.
152. Jinghang Xie, Meghan Rice, Yunfeng Cheng, Guosheng Song, Christian Kunder, **James D Brooks**, Tanya Stoyanova, Jianghong Rao: Methionine aminopeptidase II (MetAP2)

- activated in situ self-assembly of small molecule probes for imaging prostate cancer. *Cancer Research* **78** (16 Supplement): B068, 2018.
153. Davide Gori, Rajendra Dulal, Douglas Blayney, **James D. Brooks**, Maria Pia Fantini, Kathryn McDonald, Tina Hernandez-Boussard: Evaluating Existing Quality Measures for Prostate Cancer Care: Identify Gaps in the Utilization of Clinically Meaningful Measures. Abstract B-145, *Academy Health Annual Research Meeting*, Seattle, WA, Jun 25, 2018.
 154. JT Helgstrand, M Røder, N Klemann, B Toft, D Lichtensztajn, **J Brooks**, K Brasso, B Vainer, P Iversen: Incidence and survival trends of de-novo metastatic prostate cancer – a population-based analysis of two national cohorts from USA and Denmark. *European Urology Supplements* **17**: e383-e384, 2018.
 155. En-Chi Hsu, Meghan Rice, Rosalie Nolley, Abel Bermudez, Jiaoti Huang, Donna Peehl, Christian Kunder, Sharon Pitteri, **James Brooks**, Tanya Stoyanova: Defining new drivers of castrate-resistant prostate cancer. *Cancer Research* **78** (16 Supplement): B090, 2018.
 156. En-Chi Hsu, Meghan Rice, Abel Bermudez, Fernando Garcia-Marques, Merve Aslan, Ali Ghoochani, Chiyuan Zhang, Yun-Sheng Chen, Aimen Zlitni, Frezghi Habte, Sahil Kumar, Rosalie Nolley, Donna Peehl, Amina Zoubeidi, Sanjiv Gambhir, Christian Kunder, Sharon Pitteri, **James Brooks**, Tanya Stoyanova: Trop-2 is a novel driver of metastatic castrate resistant prostate cancer with neuroendocrine phenotype. Abstract PS2-62, Society of Basic Urologic Research 2018 Annual Meeting, Palm Springs, CA, November 10, 2018.
 157. Ericka Sohlberg, I-Chun Thomas, Timothy Daskivich, Ted Skolarus, Jeremy Shelton, Danil Makarov, Jonathan Bergman, Kristopher Kapphahn, Jaden Yang, **James Brooks**, Manisha Desai, John T Leppert: Life tables to optimize prostate cancer treatment in the VHA. Abstract 82, Society of Urologic Oncology 19th Annual Meeting, Nov 28, 2018.
 158. Leo Chen, Nicholas Bien, Richard Fan, Robin Cheong, Pranav Rajpurkar, Alan Thong, Nancy Wang, Sarir Ahmadi, Mirabela Rusu, **James Brooks**, Andrew Ng, Geoffrey Sonn: Applying deep learning to multiparametric MRI to predict core-level biopsy pathology. Abstract 206, Society of Urologic Oncology 19th Annual Meeting, Nov 29, 2018.
 159. Geoffrey Sonn, Christian Kunder, Richard Fan, Leo Chen, Nancy Wang, Pejman Ghanouni, Andreas Loening, **James Brooks**, Robert West, Mirabela Rusu: A framework for automated co-registration of prostate MRI and digital whole mount pathology images. Abstract 213, Society of Urologic Oncology 19th Annual Meeting, Nov 29, 2018.
 160. Sarah M Totten, Abel Bermudez, Andres Guerrero, John Yan, Aled Jones, **James D Brooks**, Sharon J Pitteri: Analysis of released N-glycans and glycopeptide profiling of prostate cancer tissue. *Glycobiology* **28**: 1056, 2018.
 161. Daniel W Lin, Yingye Zheng, Jesse McKenney, Marshall Brown, Ruixiao Lu, Michael Crager, Hilary Boyer, **James D Brooks**, Atreya Dash, Michael Fabrizio, Martin Gleave, Michael A Liss, Todd Matthew Morgan, Ian M Thompson, Andrew Wagner, Athanasios

- Tsiatis, Andrea Pingatore, H Jeffrey Lawrence, Peter S Nelson, Lisa F Newcomb: Performance of the 17-gene genomic prostate score test in men with prostate cancer (PCa) managed with active surveillance (AS): Results from the Canary Prostate Active Surveillance Study (PASS). *Journal of Clinical Oncology* **37** (7 Supplement): 262, 2019.
162. Sarah M. Totten, Abel Bermudez, **James D. Brooks**, Sharon Pitteri: N-linked glycosylation site mapping in prostate cancer and matched normal tissue: Defining alterations in glycan microheterogeneity. Abstract: 300344. ASMS Conference on Mass Spectrometry and Allied Topics, Atlanta, Georgia, June 2-6, 2019.
 163. Andres Guerrero, Sarah M. Totten, Abel Bermudez, **James D. Brooks**, Sharon Pitteri: Quantitative N-glycan profiling of clinical tissue samples by on-line fluorescence-MS using a rapid labeling tag. Abstract: 299612. ASMS Conference on Mass Spectrometry and Allied Topics, Atlanta, Georgia, June 2-6, 2019.
 164. Michael Liss, Michael Garcia, Yingye Zheng, Lisa Newcomb, Christopher Filson, Hilary Boyer, **James Brooks**, Peter Carroll, Martin Gleave, Francis Martin, Todd Morgan, Peter Nelson, Andrew Wagner, Ian Thompson, Daniel Lin: Assessment of MRI performance in the Canary Prostate Active Surveillance Study (PASS). PD50-01, *Journal of Urology* **201**: e911, 2019.
 165. Leo Chen, Nicholas Bien, Richard Fan, Robin Cheong, Pranav Rajpurkar, Alan Thong, Nancy Wang, Sarir Ahmadi, Mirabela Rusu, **James Brooks**, Andrew Ng, Geoffrey Sonn: Automated detection of prostate cancer on multiparametric MRI using deep neural networks trained on spatial coordinates and pathology of biopsy cores. PD60-05, *Journal of Urology* **201**: e1098, 2019.
 166. Lisa Newcomb, Yingye Zheng, Anna Faino, Jeannette Schenk, **James Brooks**, Matthew Cooperberg, Atreya Dash, Martin Gleave, Michael Liss, Frances Martin, Todd Morgan, Peter Nelson, Andrew Wagner, Ian Thompson, Daniel Lin: Evaluation of potential bias in risk factor assessment in the Canary Prostate Active Surveillance Study (PASS). MP48-15, *Journal of Urology* **201**: e703, 2019.
 167. Andrew Sun, I-Chun Thomas, Calyani Ganesan, Alan Pao, Todd Wagner, **James Brooks**, Glenn Chertow, John Leppert: The albumin-creatinine ratio and kidney functional outcomes after nephrectomy. MP31-12, *Journal of Urology* **201**: e436, 2019.
 168. Jeannette M. Schenk, Anna V. Faino, Lisa F. Newcomb, **James D. Brooks**, Peter R. Carroll, Atreya Dash, Christopher P. Filson, Martin E. Gleave, Michael Liss, Francis M. Martin, Todd M. Morgan, Peter S. Nelson, Ian M. Thompson, Andrew A. Wagner, Daniel W. Lin: African American race is not associated with reclassification during active surveillance: results from the Canary Prostate Active Surveillance Study (PASS). PD50-10, *Journal of Urology* **201**: e916, 2019.
 169. Ericka Sohlberg, I-Chun Thomas, Timothy Daskivich, Ted Skolarus, Jeremy Shelton, Danil Makarov, Jonathan Bergman, Christine Bang, Kristopher Kappahn, Jaden Yang,

- James D Brooks**, Manisha Desai, John T. Leppert: Optimizing life expectancy estimates for VHA patients with prostate cancer. MP41-19, *Journal of Urology* **201**: e604, 2019.
170. Tina Hernandez-Boussard, Martin Seneviratne, Douglas Blayney, **James Brooks**, Selen Bozkurt, Allison Kurian: Distribution of global health measures in breast and prostate cancer patients: Identifying gaps in ascertainment. Abstract 3189.0. *ALPHA Annual Meeting*, Philadelphia, PA, Nov. 4, 2019.
 171. En-Chi Hsu, Meghan A. Rice, Abel Bermudez, Fernando Jose Garcia Marques, Merve Aslan, Ali Ghoochani, Chiyuan Amy Zhang, Yun-Sheng Chen, Aimen Zlitni, Frezghi Habte, Sahil Kumar, Shiqin Liu, Kashyap Koul, Michelle Shen, Rosalie Nolley, Donna M. Peehl, Amina Zoubeidi, Sanjiv Sam Gambhir, Christian Kunder, Sharon Pitteri, **James D. Brooks**, Tanya Stoyanova: Trop2 as a Driver and Therapeutic Target for Metastatic Castration-Resistant Prostate Cancer with Neuroendocrine Phenotype. PS1-10, Society for Basic Urologic Research Annual Meeting, New Orleans, LA, November 8, 2019.
 172. Meghan A. Rice, Vineet Kumar, Dhanir Tailor, Fernando Jose Garcia Marquez, Abel Bermudez, Zintis R. Inde, Vijaya Kanchustambham, Ali Ghoochani, Rosalie Nolley, Mallesh Pandrala, Angel Resendez, Merve Aslan, Arushi Agarwal, Mark Buckup, Shiqin Liu, En-Chi Hsu, Catherine Going, Donna Peehl, Scott J. Dixon, Richard Zare, **James D. Brooks**, Sharon Pitteri, Sanjay Malhotra, Tanya Stoyanova: Methoxychalcone derivative as a potent inhibitor of aggressive prostate cancer through glycolytic targeting. PS1-46, Society for Basic Urologic Research Annual Meeting, New Orleans, LA, November 8, 2019.
 173. Kieu My Huynh, Marc Horschman, Bo Wu, Anny Wong, Rosie Nolley, Hongjuan Zhao, **James D. Brooks**: Sprr2f quenches ROS to protect against ischemia-reperfusion injury in the mouse kidney. PS2-23, Society for Basic Urologic Research Annual Meeting, New Orleans, LA, November 9, 2019.
 174. Ali Ghoochani, Fernando Jose Garcia Marques, Abel Bermudez, Merve Aslan, Meghan A. Rice, En-Chi Hsu, Sharon J. Pitteri, Eva Corey, **James D. Brooks**, Tanya Stoyanova: Ferroptosis induction as a novel therapeutic approach for advanced prostate cancer. PS2-76, Society for Basic Urologic Research Annual Meeting, New Orleans, LA, November 9, 2019.
 175. Adrian J. Waisman Malaret, Kehao Zhu, Yingye Zheng, Lisa Newcomb, Peter Chang, Kolawole O. Olugbade Jr., **James D. Brooks**, Peter Carroll, Atreya Dash, Cristopher P. Filson, Martin E. Gleave, Michael Liss, Frances M. Martin, Todd M. Morgan, Peter S. Nelson, Daniel W. Lin, Andrew A. Wagner: Evaluating the outcomes of active surveillance in Gleason Grade group 2 prostate cancer: prospective results from the Canary-PASS cohort. Abstract PD62-09, *Journal of Urology* **203** (Supplement 4S): e1289, 2020.
 176. Kyla Velaer, I-Chun Thomas, Calyani Ganesan, Shen Song, Alan Pao, Glenn Chertow, **James Brooks**, Eila Skinner, John Leppert: Renal morbidity following radical cystectomy

- in patients with bladder cancer. Abstract MP24-15, *Journal of Urology* **203** (Supplement 4S): e353-e354, 2020.
177. Christopher J. Magnani, Nicolas Bievre, Beril Erdogdu, Laurence C. Baker, **James D. Brooks**, Tina Hernandez-Boussard: Multiparametric Magnetic Resonance Imaging and reclassification from active surveillance. Abstract MP23-12, *Journal of Urology* **203** (Supplement 4S): e342-e343, 2020.
 178. Okyaz Eminaga, Mahmoud Abbas, Alex Semjonow, **James D. Brooks**, Daniel Rubin: Determination of biologic and prognostic feature scores from whole slide histology images using deep learning. *Journal of Clinical Oncology* **38** (15 Supplement): e17527.
 179. Okyaz Eminaga, Andreas Leoning, Andrew Lu, **James D. Brooks**, Daniel Rubin: Detection of prostate cancer and determination of its significance using explainable artificial intelligence. *Journal of Clinical Oncology* **38** (15 Supplement): 5555.
 180. Douglas W. Blayney, Ameer Azad, Melih Yilmaz, Selen Bozkurt, **James D. Brooks**, Tina Hernandez-Boussard: Four distinct patient-reported outcome (PRO) trajectories in longitudinal responses collected before, during, and after chemotherapy. *Journal of Clinical Oncology* **38** (15 Supplement): 2012.
 181. Daphne Y Lichtensztajn, Brenda M Hofer, John T Leppert, **James D Brooks**, Benjamin I Chung, Sumit A Shah, Mindy C DeRouen, Scarlett L Gomez, Iona Cheng: Association of renal cell carcinoma subtypes with race/ethnicity and comorbid medical conditions. *Cancer Epidemiology, Biomarkers and Prevention* **29** (6 Supplement 2): PR16.
 182. Mindy C DeRouen, Meg McKinley, Sumit A Shah, Hala T Borno, Rhonda Aoki, Daphne Y Lichtensztajn, John T Leppert, **James D Brooks**, Benjamin Chung, Scarlett L Gomez, Iona Cheng: Testicular cancer in Hispanics: Incidence of subtypes over time according to neighborhood sociodemographic factors in California. *Cancer Epidemiology, Biomarkers and Prevention* **29** (6 Supplement 2): C053.

Video

- F. F. Marshall, **J. D. Brooks**, and M. P. Schoenberg: "Partial Nephrectomy: New Techniques." 1994.

Patents

1. Jacques Lapointe, James D. Brooks, Jonathan R. Pollack: Markers of DNA copy number alteration for improved prognostication in prostate cancer. United States Patent No. 7,638,278, 2009 (Licensed).

2. Jonathan Pollack, Patrick Brown, Matt van de Rijn, Stefanie Jeffrey, James D. Brooks: Gene sequences specifying antibody targets with expected diagnostic utility. Stanford University Docket number 03-051, 2009. (Licensed).
3. Gavin Sherlock, James D. Brooks, Richard Myers, Yuya Kobayashi, Devin Absher: Methylation markers for diagnosis of prostate cancer. United States Patent Application No. 14/008,480, 2014.
4. Brittany Lasseigne, James D. Brooks, Richard Myers: Differential methylation level of CpG loci that are determinative of kidney cancer. United States Patent Application 14/174,542, 2015.
5. Marie K. Kirby, James D. Brooks, Richard Myers: Differential methylation level of CpG loci that are determinative of biochemical recurrence of prostate cancer. United States Patent 10,501,804, 2019.

Invited Lectures and Post-Graduate Courses

1. "Understanding Molecular Techniques and Their Application to Urology." Post-Graduate Course 9737, American Urological Association Annual Meeting, New Orleans, Louisiana, April 1997.
2. "New Frontiers in Molecular Prostate Cancer Therapy." In *BBI Newsletter's* Frontiers in Urology, American Health Consultants, New Orleans, Louisiana, April 1997.
3. "Somatic inactivation of the GSTP1 gene in human prostate cancer." Innovators in Urology, London, England, February 1998.
4. "Can Prostate Cancer be Prevented?" Stanford University 26th Annual Symposium on Diseases of the Urinary Tract, March 19, 1998.
5. "Prostate Cancer Update." General Surgery Grand Rounds, Stanford University, April 24, 1998.
6. "Understanding Molecular Technology and Its Application to Urology." Post-Graduate Course 9838, American Urological Association Annual Meeting, San Diego, California, June 1998.
7. "Design of Nutritional Intervention Trials." CAPCURE Nutrition Science Study Group UCLA Center for Human Nutrition. Los Angeles, CA, Feb. 8, 1999.
8. Session Chair - Cancer of the Prostate. Stanford University 27th Annual Symposium on Diseases of the Urinary Tract, March 18, 1999.

9. "Nerve Sparing - Fact or Fiction." Stanford University 27th Annual Symposium on Diseases of the Urinary Tract, March 18, 1999.
10. "Preventing Prostate Cancer by Eating?" Stanford University 27th Annual Symposium on Diseases of the Urinary Tract, March 19, 1999.
11. "Prostate Cancer: Point – Counterpoint." Stanford University 27th Annual Symposium on Diseases of the Urinary Tract, March 19, 1999.
12. "Understanding Molecular Technology and Its Application to Urology." Post-Graduate Course 9959, American Urological Association Annual Meeting, Dallas, Texas, May 1999.
13. "Potent Induction of Carcinogen Defense Enzymes with Sulforaphane, a Putative Prostate Cancer Chemopreventive Agent." Innovators in Urology, Oxford, England, July 28-30, 1999.
14. Session Chair - Outcomes Research, Quality of Life and Morbidity in Prostate Cancer. Innovators in Urology, Oxford, England, July 28-30, 1999.
15. "Sulforaphane and Gene Expression in Prostate Cells." Strategies for Developing New Clinical Trials for Prostate Cancer Chemoprevention Workshop. National Cancer Institute, Baltimore, MD, August 8-9, 1999.
16. Postgraduate Course: "Gene Therapy of Prostate Cancer." Western Section of the American Urological Association, Monterey, California, September 27, 1999.
17. "Nutrition and Gene Expression." CaPCURE Sixth Annual Scientific Retreat. Lake Tahoe, Nevada, October 17, 1999.
18. "Defining the mechanisms of prostate cancer chemopreventive agents using cDNA expression arrays." 8th Prouts Neck meeting on Prostate Cancer, Prouts Neck, Maine, October 23, 1999.
19. "Surgical Options for Prostate Cancer: When Surgery and What Surgery?" Course of Urologic Problems for Primary Care Providers, Stanford University School of Medicine, March 17, 2000.
20. "Preventing Prostate Cancer: Treatment for the Millennium." Course of Urologic Problems for Primary Care Providers, Stanford University School of Medicine, March 17, 2000.
21. "Genomics of Prostate Cancer Chemoprevention." Keystone Symposium on Advances in Human Breast and Prostate Cancer, Lake Tahoe, NV, March 22, 2000.

22. "Genomic Approaches to Prostate Cancer Chemoprevention." Urology Grand Rounds, Stanford University Medical Center, March 24, 2000.
23. "Arrays in etiologic research." Emerging Opportunities in Prostate Cancer Epidemiology, National Cancer Institute, Washington DC, October 13, 2000.
24. "Genetics of Renal Cell Carcinoma." Kidney Cancer Association Regional Meeting. San Francisco, CA, February 10, 2001.
25. "Pathology of Renal Tumors: Genes Do Make a Difference." Stanford University 29th Annual Symposium on Diseases of the Urinary Tract, March 15, 2001.
26. Session Chair - Bladder. Stanford University 29th Annual Symposium on Diseases of the Urinary Tract, March 15, 2001.
27. "Nerve Sparing Radical Prostatectomy and CaverMap." Stanford University 29th Annual Symposium on Diseases of the Urinary Tract, March 16, 2001.
28. "Urology in the Post-Genomic Era." Guest Lecturer, Dept. of Urology, University of Texas Southwestern, April 16, 2001.
29. "Update on nerve-sparing radical retropubic prostatectomy." American College of Surgeons, Northern California Chapter, San Francisco, CA, May 12, 2001.
30. "Potent Induction of Phase 2 Enzymes by Sulforaphane – a Putative Prostate Cancer Preventive Agent." Doris Duke Clinician Scientist Award Annual Meeting, Newport, Rhode Island, May 20-22, 2001.
31. "cDNA Microarrays in Urological Cancer Research." Society of Basic Urological Research, Anaheim, CA, June 1, 2001.
32. "Gene Expression Profiling of Kidney Cancer." Kidney Cancer Association Annual Meeting, San Francisco CA, July 20, 2001.
33. "Is prostate cancer preventable?" Chao Family Comprehensive Cancer Center, UC Irvine Medical Center, Anaheim, CA, September 23, 2001.
34. "Urology in the Post-Genomic Era." Chao Family Comprehensive Cancer Center, UC Irvine Medical Center, Anaheim, CA, September 24, 2001.
35. "Nerve-Sparing Radical Prostatectomy at Twenty Years." Chao Family Comprehensive Cancer Center, UC Irvine Medical Center, Anaheim, CA, September 24, 2001.
36. "Prostate Cancer Diagnosis and Treatment." General Surgery Grand Rounds, Stanford University, October 2, 2001.

37. "cDNA microarray analysis of gene expression in prostate cancer." NCI Director's Challenge PI Meeting, Bethesda, MD, November 8, 2001.
38. "Gene expression profiles of renal cell carcinoma using cDNA microarrays." NCI Director's Challenge PI Meeting, Bethesda, MD, November 8, 2001.
39. "Chemoprevention of Prostate Cancer – Bench to Bedside." Stanford University 30th Annual Symposium on Diseases of the Urinary Tract, March 15, 2002.
40. "Hormonal therapy for prostate cancer – Better late than never." Stanford University 30th Annual Symposium on Diseases of the Urinary Tract, March 15, 2002.
41. "Genome-wide expression changes in urologic malignancies." Fred Hutchinson Cancer Research Center, University of Washington Medical Center, Seattle, WA, March 21, 2002.
42. "Molecular mechanisms for dietary prevention of prostate cancer." Fred Hutchinson Cancer Research Center, University of Washington Medical Center, Seattle, WA, March 21, 2002.
43. "Gene expression profiles of renal cell carcinoma." Kidney Cancer Association, Annual Meeting, Washington, DC, July 19, 2002.
44. "Mechanisms of action of the chemopreventive agent methylselenic acid." Doris Duke Charitable Foundation Clinical Scientist Meeting, Newport, RI, November 11, 2002.
45. "cDNA microarray analysis of gene expression in prostate cancer." 9th Prout's Neck Meeting on Prostate Cancer, Prout's Neck Maine, November 9, 2002.
46. "Profiling Gene Expression in Prostate Cancer with cDNA Microarrays." Director's Challenge Principal Investigator's Meeting, NCI, Washington DC, November 6, 2002.
47. "Gene expression in the normal adult human kidney assessed by complementary DNA microarray." Director's Challenge Principal Investigator's Meeting, NCI, Washington DC, November 6, 2002.
48. "Gene expression profiles in urological malignancies." 10th Annual SBUR Fall Symposium in Urological Research, Tucson, AZ, December 7, 2002.
49. "Prostate Cancer Prevention – Insights from the Laboratory." Stanford University 31st Annual Symposium on Diseases of the Urinary Tract, March 14, 2003.
50. "Is watchful waiting and option for localized disease?" Stanford University 31st Annual Symposium on Diseases of the Urinary Tract, March 14, 2003.

51. "Urology in the post-genomic era." Urology Grand Rounds, Stanford University Medical Center, April 1, 2003.
52. Session Chair - Prostate Cancer. Western Section of the American Urological Association, Las Vegas, NV, November 2, 2003.
53. "Patients at risk for treatment failure: potential role of molecular imaging in treatment planning and customization." Think Tank: Molecular Imaging of Prostate Cancer, Washington, D.C., February 1, 2004.
54. "Prognostic markers for prostate cancer- the future." Stanford University 32nd Annual Symposium on Diseases of the Urinary Tract, March 8, 2004.
55. "Is laparoscopic prostatectomy really better?" Stanford University 32nd Annual Symposium on Diseases of the Urinary Tract, March 8, 2004.
56. "Molecular biological insights into prostate cancer prevention." Umeå University, Umeå, Sweden, March 17, 2004.
57. "Gene expression profiling of kidney cancer." Umeå University, Umeå, Sweden, March 18, 2004.
58. "Identification of prostate cancer biomarkers through gene expression profiling." Umeå University, Umeå, Sweden, March 18, 2004.
59. Session Chair - Prostate Cancer Basic I. American Urological Association Annual Meeting, San Francisco, CA, May 10, 2004.
60. "Genomic views of urologic cancer." Department of Urology, University of Pittsburgh Medical Center, July 30, 2004.
61. "Biomarkers of Prognosis." Stanford University 33rd Annual Symposium on Diseases of the Urinary Tract, March 18, 2005.
62. "Open Radical Prostatectomy." Stanford University 33rd Annual Symposium on Diseases of the Urinary Tract, March 18, 2005.
63. Session Chair - Molecular approaches for early detection and prognostic determination in prostate cancer. Society of Urologic Oncology, Annual Meeting, San Antonio, Texas, May 21, 2005.
64. Session Chair - Prostate Cancer: Epidemiology and Natural History I. American Urological Association Annual Meeting. San Antonio, Texas, May 22, 2005.

65. "Discovery and Clinical Applications of Novel Molecular Markers of Urologic Tumors." Postgraduate Course, American Urological Association Annual Meeting, San Antonio, Texas, May 25, 2005.
66. "Patients at risk for treatment failure: Potential role of molecular imaging in treatment planning and customization." Brain Trust on Prostate Imaging and Image-Guided Treatment, Bethesda, Maryland, March 11, 2006.
67. "Urology summary and recommendations." Brain Trust on Prostate Imaging and Image-Guided Treatment, Bethesda, Maryland, March 12, 2006.
68. Session Chair: Cellular signaling in urologic malignancies. Society of Urologic Oncology, Annual Meeting, Atlanta, Georgia, May 20, 2006.
69. "Outcomes of Radical Prostatectomy – Is it the singer or the song?" Stanford University 34th Annual Symposium on Diseases of the Urinary Tract, September 15, 2006.
70. "Take home messages: Basic Science." Plenary Session, American Urological Association Annual Meeting, Anaheim, CA, May 24, 2007.
71. "Prostate cancer: a preventable disease?" Combined Urology and Oncology Grand Rounds. University of Wisconsin Medical Center, Madison, Wisconsin, June 13, 2007.
72. "Can screening decrease prostate cancer death?" Urology Grand Rounds, Stanford University Medical Center, Stanford CA, September 4, 2007.
73. "High resolution MRI of prostate cancer." Bio-X Interdisciplinary Initiatives Symposium, Stanford University, February 20, 2008.
74. "Understanding prostate cancer: a glimpse at the future." Urology Grand Rounds, Stanford University Medical Center, Stanford CA, October 7, 2008.
75. "Clinical challenges in prostate cancer care: potential role of improved diagnostics." Consensus Conference on Prostate Imaging, Bethesda, MD, January 12-13, 2009.
76. "Genomic approaches to prostate cancer biomarker discovery." Strategic Partners for the Evaluation of Cancer Signatures, University of California Irvine Cancer Center, Laguna Beach, CA, January 16, 2009.
77. "Clinical applications of genomic research in prostate cancer care." HudsonAlpha Institute for Biotechnology, Huntsville, AL, February 17, 2009.
78. Session Chair - Prostate Cancer: Basic Research VI. American Urological Association Annual Meeting, Chicago, IL, April 28, 2009.

79. "Genomic approaches to prostate cancer biomarker discovery." Departments of Oncology and Urology, Northwestern University, Chicago, IL, June 15, 2009.
80. "Prostate TMA study progress report." Canary Prostate Cancer Meeting, Seattle, Washington, November 16, 2009.
81. "Challenges & Opportunities for Research in Benign Urologic Disease – Examples from LUTS/BPH." National Institutes of Diabetes and Digestive and Kidney Diseases (NIDDK), National Institutes of Health, Bethesda, MD, January 19, 2010.
82. Session Chair - Prostate Cancer: Basic Research III. American Urological Association Annual Meeting, San Francisco, CA, May 30, 2010.
83. "Building a better biomarker." Urology Grand Rounds, Stanford University Medical Center, Stanford CA, October 5, 2010.
84. "What are the current clinical imaging needs in the biomarker community?" Twenty-first EDRN Steering Committee Meeting, Dallas, TX, November 15, 2010.
85. Session Chair - Imaging Interest Group (I2G), Twenty-first EDRN Steering Committee Meeting, Dallas, TX, November 15, 2010.
86. "Prostate Cancer Biomarker Candidates." Twenty-first EDRN Steering Committee Meeting, Dallas, TX, November 15, 2010.
87. "Imaging Interest Group Summary Statement." Twenty-first EDRN Steering Committee Meeting, Dallas, TX, November 16, 2010.
88. Panel Member, Think Tank/Mini Workshop on Companion Imaging and Molecular Diagnostics, National Cancer Institute, Bethesda, MD, February 28, 2011.
89. Session Chair: EDRN Imaging Interest Group Meeting. 22nd EDRN Steering Committee Meeting, Los Angeles, CA, March 9, 2011.
90. "Think-Tank Meeting Summary." EDRN Imaging Interest Group Meeting. 22nd EDRN Steering Committee Meeting, Los Angeles, CA, March 9, 2011.
91. "Imaging Interest Group Meeting Summary." 22nd EDRN Steering Committee Meeting, Los Angeles, CA, March 10, 2011.
92. "Canary Tissue Microarray Progress and Opportunities." Canary Foundation Early Detection Symposium. Palo Alto, CA, March 30, 2011.
93. "Surgical treatment for prostate cancer." Pro and con session: Early prostate cancer – surveillance vs. treatment. Indian American Urological Association, Washington, DC, May 14, 2011.

94. Session Chair - Prostate Cancer: Basic Research I. American Urological Association Annual Meeting, Washington, DC, May 15, 2011.
95. "Development of a magneto-nanosensor array for prostate cancer biomarkers." Early Detection Research Network Site Visit, Stanford, CA, June 15, 2011.
96. "Prostate Active Surveillance Study (PASS)." 7th Early Detection Research Network (EDRN) Scientific Workshop, Herndon, Virginia, September 15, 2011.
97. "Strategies for Prostate Cancer Detection and Prognostication." EDRN Network Consulting Team Meeting, Bethesda, Maryland, November 9, 2011.
98. "Development of the next generation of biomarkers for prostate cancer." Emory University School of Medicine, Atlanta, Georgia, January 23, 2012.
99. "The perils of PSA." Department of Medicine Grand Rounds, Stanford University Medical Center, Stanford, CA, February 29, 2012.
100. Session Chair: Imaging Interest Group Breakout Session. 23rd EDRN Steering Committee Meeting, Phoenix, AZ, March 14, 2012.
101. "Imaging Interest Group Meeting Summary and Recommendations." 23rd EDRN Steering Committee Meeting, Phoenix, AZ, March 15, 2012.
102. "Tissue Microarray Progress Update." Canary Foundation Early Detection Symposium, Palo Alto, CA, April 30, 2012.
103. "Prostate Cancer Screening and Prevention." Division of Oncology, Department of Medicine, Stanford University, Stanford, CA, May 1, 2012.
104. "EDRN Canary Prostate Active Surveillance Study (PASS)." 25th EDRN Steering Committee Meeting, San Antonio, Texas, October 2, 2012.
105. "PSA - Problems and Promise." Urology Grand Rounds, Stanford University, Stanford CA, October 16, 2012.
106. "Tissue Microarray Progress Update - 2013." Canary Foundation Early Detection Symposium, San Francisco, CA, February 1, 2013.
107. "Negative PSA velocity and progression in the Prostate Active Surveillance Study (PASS)." Canary Foundation Early Detection Symposium, San Francisco, CA, February 1, 2013.
108. "PSA – Current status and controversy." 8th EDRN Scientific Workshop, Washington, DC, March 14, 2013.

109. "PASS update and research opportunities." 8th EDRN Scientific Workshop, Washington, DC, March 14, 2013.
110. "Managing progressive prostate cancer: how, who and when?" Plenary Session, American Urological Association Annual Meeting, San Diego, CA, May 7, 2013.
111. "Promises and challenges in predicting the behavior of prostate cancer: From biomarkers to circulating tumor cells." First International Conference on Oncology and Anticancer Research, Paphos, Cyprus, June 8, 2013.
112. Chair - Session 8: "Identification of Molecular and Cellular Targets in Cancer." First International Conference on Oncology and Anticancer Research, Paphos, Cyprus, June 8, 2013.
113. "Canary Prostate Cancer Active Surveillance Study (PASS)" 26th EDRN Steering Committee Meeting, Seattle, Washington, September 11, 2013.
114. "Canary-EDRN collaboration in prostate cancer – The PASS trial." EDRN Network Consulting Team Meeting, Bethesda, Maryland, November 15, 2013.
115. Session Chair – Biomarker Platform Validation. Prostate and Genitourinary Cancers Collaborative Group Meeting, 27th EDRN Steering Committee Meeting, Houston, Texas, March 4, 2014.
116. "Magnetanosensor: a multiplex biomarker detection platform." Prostate and Genitourinary Cancers Collaborative Group Meeting, 27th EDRN Steering Committee Meeting, Houston, Texas, March 4, 2014.
117. "Genitourinary cancers working group summary." 27th EDRN Steering Committee Meeting, Houston, Texas, March 6, 2014.
118. Session Chair – Prostate Cancer Basic Research III. American Urological Association Annual Meeting, Orlando, Florida, May 18, 2014.
119. "ERG and SPINK1 expression on the Canary tissue microarray and prognosis." Canary Prostate Cancer Team Meeting, Seattle, WA, May 29, 2014.
120. "Prognostication in early low risk prostate cancer: The Canary – EDRN collaboration." 9th Early Detection Research Network (EDRN) Scientific Workshop, Bethesda, Maryland, September 9, 2014.
121. "Genomic approaches to biomarker discovery in prostate cancer." Cancer Prevention Institute of California, Fremont, CA, September 11, 2014.

122. “Developing molecular and imaging tools for early stage prostate cancer.” Preventing Overdiagnosis, Oxford, United Kingdom, September 16, 2014.
123. “Advances in Prostate Cancer Imaging Technologies.” Biodynamic Optical Imaging Center (BIOPIC), School of Life Sciences, Peking University, Beijing, China, September 23, 2014.
124. “New tools to improve the management of early stage prostate cancer.” Shanghai Key Laboratory of Regulatory Biology, East China Normal University, Shanghai, China, September 26, 2014.
125. “New approaches to prostate cancer screening and over-diagnosis.” 8th Forum for Prostate Diseases. 2014 Annual Meeting of the Shanghai Association of Urologic Surgeons, Shanghai, China, September 27, 2014.
126. “Approaches to improve prostate cancer screening and over-treatment.” 15th Annual Weisbach Lecture, University of Michigan Cancer Center, Ann Arbor, Michigan, November 9-10, 2014.
127. “Genomic approaches to biomarker development in urologic diseases.” Plenary Session, Society for Basic Urologic Research Fall Symposium, Dallas, Texas, November 15, 2014.
128. “Molecular signatures of LUTS-associated BPH.” NIDDK Urology Developmental Centers Meeting, Asilomar, CA, December 8, 2014.
129. Session Chair: “Prostate and genitourinary cancers collaborative group meeting.” 29th Early Detection Research Network (EDRN) Steering Committee Meeting, Atlanta, Georgia, March 31, 2015.
130. “Prostate and urologic cancers: Presentation of collaborative group discussions.” 29th Early Detection Research Network (EDRN) Steering Committee Meeting, Atlanta, Georgia, April 1, 2015.
131. “Canary tissue microarray resource – overview and progress.” Canary Foundation Early Detection Symposium, Stanford, CA, May 4, 2015.
132. Session Moderator: “Session 3: Validation and clinical trials.” Canary Foundation Early Detection Symposium, Stanford, CA, May 5, 2015.
133. “What genomic research tells us about treating prostate cancer.” Plenary Session, Society of Urologic Oncology Annual Meeting, New Orleans, LA, May 16, 2015.
134. Faculty member: Prostate Cancer Foundation Coffey-Holden Prostate Cancer Academy Meeting. La Jolla, CA, June 25-28, 2015.

135. "Genomic Analysis of BPH." Urology Program Directors' Meeting, Wisconsin Institutes for Discovery at the University of Wisconsin-Madison. Madison, WI, September 17, 2015.
136. "DNA methylation changes in prostate and renal cell cancers." Cepheid, Mountain View, CA, August 14, 2015.
137. "Stanford Molecular and Cellular Characterization Center." Molecular and Cellular Characterization of Screen-Detected Lesions Consortium Orientation Meeting, National Institutes of Health, Bethesda, Maryland, October 15, 2015.
138. "Leveraging genomic data for clinical management of genitourinary cancers." University of Kansas Cancer Center Seminar Series in Translational Oncology, Kansas City, Kansas, October 27, 2015.
139. "Imaging update." Canary Prostate Cancer Team Meeting, Seattle, WA, October 30, 2015.
140. "Canary TMA project: status, goals and how to get there." Canary Prostate Cancer Team Meeting, Seattle, WA, October 30, 2015.
141. "Challenges and opportunities in prostate cancer screening and treatment." Urology Grand Rounds, Stanford University, Stanford CA, March 1, 2016.
142. Session Chair – Hormone-related cancers. Biomarker Discovery for Early Cancer Detection; AMED/ NIH Japan – US Workshop for Cancer Research, Tokyo, Japan, March 8, 2016.
143. "Understanding and improving prostate cancer screening and treatment." Biomarker Discovery for Early Cancer Detection; AMED/ NIH Japan – US Workshop for Cancer Research, Tokyo, Japan, March 8, 2016.
144. "Genomic approaches to understanding and diagnosing obstructive nephropathy." Department of Urology, Peter Bent Brigham Hospital, Boston, MA, March 16, 2016.
145. "Challenges and opportunities in biomarker development for screen detected prostate cancer." Genitourinary Cancer Seminars, Dana Farber Cancer Research Institute, Boston, MA, March 16, 2016.
146. "Overview and ground rules: Setting goals and objectives of the consortium." Molecular and Cellular Characterization of Screen-Detected Lesions Consortium 1st Steering Committee Meeting, San Francisco, CA, March 30, 2016.
147. "The Stanford Molecular and Cellular Characterization Center." Molecular and Cellular Characterization of Screen-Detected Lesions Consortium 1st Steering Committee Meeting, San Francisco, CA, March 30, 2016.

148. Session Chair: "Genomics, evolution of early malignant lesions, technology." Molecular and Cellular Characterization of Screen-Detected Lesions Consortium 1st Steering Committee Meeting, San Francisco, CA, March 31, 2016.
149. Moderator, Panel Discussion: "Evaluating elevated PSA after a negative biopsy." Plenary Session, American Urological Association Annual Meeting, San Diego, CA, May 8, 2016.
150. "TMA project update." Canary Prostate Cancer Team Meeting, Palo Alto, CA, May 19, 2016.
151. "Biomarkers for managing prostate cancer in the post-PSA era." Division of Oncology, Department of Medicine, Stanford University, Stanford, CA, May 30, 2016.
152. "Progress and challenges in biomarker development for the management of localized prostate cancer." UCLA SPORE Annual Research Symposium, Los Angeles, CA, September 13, 2016.
153. "Prostate cancer screening and the challenges of overdiagnosis and overtreatment." Preventing Overdiagnosis. Barcelona, Spain, September 22, 2016.
154. "Report from Preventing Diagnosis Meeting." Molecular and Cellular Characterization of Screen-Detected Lesions (MCL) Consortium 2nd Steering Committee Meeting, Burlington, VT, October 5, 2016.
155. "Overview & Objectives for the Face-to-Face Biannual Meeting." Molecular and Cellular Characterization of Screen-Detected Lesions (MCL) Consortium 2nd Steering Committee Meeting, Burlington, VT, October 5, 2016.
156. "Improving prostate cancer screening and treatment." Xinjiang People's Hospital, Urumqi, China, October 20, 2016.
157. "Advances in the management of kidney and bladder cancers." Xinjiang People's Hospital, Urumqi, China, October 24, 2016.
158. "Genomics of BPH." NIDDK Urology Developmental Centers Meeting, Asilomar, CA, December 7, 2016.
159. "Overview & objectives for the face-to-face biannual meeting." Molecular and Cellular Characterization of Screen-Detected Lesions (MCL) Consortium 3rd Steering Committee Meeting, Houston, TX, March 28, 2017.
160. "Canary TMA: Overview of progress and multi-biomarker analysis." Canary Prostate Cancer Team Meeting, Stanford, CA, May 4, 2017.
161. "Genomic views of benign prostatic hyperplasia and obstructive nephropathy." Department of Urology, University of Pittsburgh Medical Center, September 8, 2017.

162. "Overview & objectives for the face-to-face biannual meeting and prostate cancer metabolomics." MCL Consortium 4th Steering Committee Meeting, Los Angeles, CA, September 27, 2017.
163. "Bringing precision to prostate cancer screening and treatment." 2018 Precision Medicine Symposium. Stanford University/National Taiwan University, Stanford University, January 26, 2018.
164. "Genomic and proteomic studies of prostate cancer evolution." 10th Early Detection Research Network (EDRN) Scientific Workshop – Cancer Biomarkers in Precision Medicine, Bethesda MD, March 8, 2018.
165. Panel Discussion: "Collaborative Opportunities between the EDRN and MCL." 10th Early Detection Research Network (EDRN) Scientific Workshop – Cancer Biomarkers in Precision Medicine, Bethesda MD, March 8, 2018.
166. Session Chair: Single cell profiling and Molecular and Cellular Characterization Centers Consortium. 10th Early Detection Research Network (EDRN) Scientific Workshop – Cancer Biomarkers in Precision Medicine, Bethesda MD, March 9, 2018.
167. Session Chair: Prostate Cancer – Detection & Screening IV. American Urological Association Annual Meeting, San Francisco, CA, May 19, 2018.
168. "NCI EDRN – How to get involved." Challenges for Urologic Research: Moving Biomarkers into Practice, American Urological Association Annual Meeting, San Francisco, CA, May 20, 2018.
169. "New Imaging approaches for prostate cancer: PET, PET/MRI and beyond." 16th International Prostate Forum, American Urological Association Annual Meeting, San Francisco, CA, May 20, 2018.
170. "Genomic Views of Benign Prostatic Hyperplasia and Obstructive Nephropathy." Department of Urology Research Lectureship Series, Stanford University, September 28, 2018.
171. "Genomic and proteomic studies of screen detected prostate cancer." MCL Consortium 6th Steering Committee Meeting, Johns Hopkins Hospital, Baltimore, MD, October 11, 2018.
172. "Prognostic indicators in benign prostatic hyperplasia." Society of Basic Urologic Research 2018 Annual Meeting, Palm Springs, CA, November 9, 2018.
173. "Biomarkers of Obstructive Nephropathy." Research Presentation, Urology Grand Rounds, Stanford University Medical Center, December 4, 2018.

174. Session Chair: Prostate Cancer: Detection & Screening IV. American Urological Association Annual Meeting, Chicago, IL, May 4, 2019.
175. “Genomic and proteomic views of screen detected prostate cancer.” Webinar, EDRN Prostate Cancer Consortium, June 13, 2019.
176. Keynote: “Translational genomics: The challenge of developing cancer detection biomarkers.” Gordon Research Conference, Hong Kong, China, June 30, 2019.
177. “Active surveillance for low risk prostate cancer: New insights from Canary PASS.” Urology Grand Rounds, Stanford University, Stanford CA, September 3, 2019.
178. Plenary session: “Overview and challenges for discovery of biomarkers for clinically significant cancers.” 2019 Early Detection of Cancer Conference at Stanford University, Stanford, CA, September 24, 2019.
179. “Clinical prediction of low risk prostate cancer behavior: Stanford MCL.” MCL Consortium 8th Steering Committee Meeting, San Diego, CA, October 3, 2019.
180. “Protein sialylation, immune evasion and Siglecs as prostate and kidney cancer biomarkers.” The Alliance of Glycobiologists for Cancer Research, Steering Committee Meeting, NCI-Shady Grove, Maryland, February 3, 2020.
181. “Stanford MCL Update.” MCL Consortium 9th Steering Committee Meeting, Webcast meeting, April 15, 2020.
182. “What biomarkers of obstructive nephropathy can teach us about renal damage.” Urology Grand Rounds, Stanford University, Stanford, CA, September 1, 2020.
183. “Prostate cancer management: What has changed, and what needs to change.” Sex-Specific and Sex Differences in Cancer, Stanford WHSDM Center, Stanford, CA, September 29, 2020.
184. “Stanford MCL Update.” MCL Consortium 10th Steering Committee Meeting, Webcast meeting, October 16, 2020.
185. Session moderator: “Pathology: Central Review and Proposals.” Zoom meeting, Annual Canary Prostate Team Meeting, November 20, 2020.

Teaching and Community Service

1. Ongoing urology resident teaching: Lecture topics in prostate cancer, upper tract transitional cell carcinoma, anatomy, adrenal diseases, prostate surgery as well as leading journal club sessions in prostate cancer and basic science.

2. "Molecular Insights into Prostate Cancer Prevention." Stanford Center for Research in Disease Prevention, Research Seminar, October 23, 1997.
3. "Can Prostate Cancer Be Prevented?" The Bing Luncheon, Los Angeles, California, November 5, 1997.
4. "Prostate Cancer: New directions in the prevention and detection of the most commonly diagnosed cancer in American men." Stanford Medical Seminar, Fairchild Auditorium, Stanford University, November 13, 1997.
5. "Molecular Genetic Clues to a Prostate Cancer Prevention Strategy." Epidemiology Seminar, Stanford University, November 18, 1997.
6. "The prevention and treatment of cancer of the prostate." Stanford Health Library, Fairchild Auditorium, Stanford University, December 4, 1997. Shown on the Stanford Channel.
7. "Prostate Cancer Prevention." Sequoia Health and Wellness Services, Redwood City, California, April 7, 1998.
8. "Management of Prostate Cancer." US TOO Support Group Meeting, Pleasanton, California, June 16, 1998.
9. "Surgery for Prostate Cancer." Human Anatomy Course, Stanford University School of Medicine, November 25, 1998.
10. "Prostate Cancer: The Spectrum of the Disease." Stanford Health Library, Fairchild Auditorium, Stanford University, June 3, 1999.
11. "Successful Aging – Men's Health Issues." Classes Without Quizzes, Stanford Alumni Weekend, October 14, 1999.
12. "Clues to Prostate Cancer Prevention." Lane Lecture Series, Stanford University School of Medicine, March 23, 2000.
13. "Prostate cancer update." US TOO Support Group Meeting, Pleasanton, California, May 2, 2000.
14. "GSTP1 as a clue to prostate cancer prevention." Faculty Speaker, Stanford Medical Student Research Symposium, May 5, 2000.
15. "New Insights into Prostate Cancer." Classes without quizzes, Stanford Medical School Alumni Weekend, May 19, 2000.
16. "Successful Aging – Men's Health Issues." Classes Without Quizzes, Stanford Alumni Weekend, October 19, 2000.

17. "Prostate cancer genetics and treatment." US TOO Support Group Meeting, Pleasanton, California, May 5, 2001.
18. "Tumor Suppressor Genes in Prostate Cancer." Cancer Biology Course "Study and Treatment of Cancer", Stanford University, December 4, 2001.
19. "Prostate Cancer Diagnosis and Treatment." US TOO Support Group Meeting, Pleasanton, CA, April 2, 2002.
20. "Microarray analysis of prostate cancer – clinical applications." Biochemistry 203, Stanford University, May 30, 2002.
21. "Prostate cancer causes and management." Avenidas Senior Center, Palo Alto California, June 25, 2002.
22. "Is prostate cancer preventable?" Blackhawk Museum, Danville, CA, September 25, 2002.
23. "Deciphering the Mechanisms of Prostate Cancer Preventive Agents." Stanford Center for Research in Disease Prevention, Research Seminar, December 18, 2002.
24. "Understanding localized prostate cancer." Avenidas Senior Center, Palo Alto California, April 22, 2003.
25. "Gene Expression in Prostate Cancer." Foundations of Medicine, Stanford University, September 22, 2003.
26. "Nutrition for Prostate Cancer." US TOO Support Group Meeting, Pleasanton, CA, November 4, 2003.
27. "Gene Expression in Prostate Cancer." Foundations of Medicine, Stanford University, September 27, 2004.
28. "Identification of prostate cancer biomarkers through gene expression profiling." Department of Radiation Oncology, Stanford University, October 22, 2004.
29. "Prostate Cancer: Epidemiology, Diagnosis, Treatment of Localized Disease." Stanford Health Library, Fairchild Auditorium, Stanford University, January 25, 2005. Shown on the Stanford Channel and Webcast.
30. "Introduction to Urology, Hematuria and evaluation of the acute scrotum." Surgery 309A ongoing course series 2005-2008.
31. "Gene Expression in Prostate Cancer." Foundations of Medicine, Stanford University, September 26, 2005.

32. "Urology as a surgical subspecialty." Introduction to the surgical specialties. Sept 30, 2005.
33. "Clinical Trials in Prostate Cancer at Stanford University." US TOO Support Group Meeting, Pleasanton, CA, December 6, 2005.
34. "Focus on prostate cancer." Beneath the Surface: How biomedical insights are changing cancer care. Stanford University, May 9, 2006.
35. "Gene Expression in Prostate Cancer." Foundations of Medicine, Stanford University, September 22, 2006.
36. "Prognostic Markers – Current and Future." Stanford Prostate Cancer Symposium, Stanford University, January 10, 2007.
37. "Promoting translational research." Stanford Cancer Center Retreat, Quadrus Center, Palo Alto, CA, March 12, 2007.
38. "Gene Expression in Prostate Cancer." Foundations of Medicine, Stanford University, September 20, 2007.
39. "Identification of prostate cancer biomarkers through genomic approaches." Cancer Biology, Stanford University, December 7, 2007.
40. "The role of the surgeon-scientist." NB221: Frontiers in Translational Medicine, Stanford University, May 8, 2008.
41. "Gene Expression in Prostate Cancer." Foundations of Medicine, Stanford University, September 19, 2008.
42. "Translational cancer research in urological malignancies." Comprehensive Cancer Research Training Program at Stanford University, Quadrus Center, September 18, 2008.
43. "Screening for prostate cancer." *Forum* hosted by Dave Iverson, on KQED Radio, March 20, 2009. Available at <http://www.kqed.org/epArchive/R903200900>.
44. "Translational Research in Prostate Cancer: The Challenge of Screening and Prognostication." Comprehensive Cancer Research Training Program at Stanford University, Quadrus Center, Stanford, CA, September 16, 2010.
45. "Active surveillance for prostate cancer." Genitourinary Cancer Patient Support Group, Stanford University Cancer Center, Stanford, CA, February 22, 2011.
46. "The Canary Prostate Cancer Active Surveillance Study." Stars, Peter Michael Foundation, Peter Michael Winery, Calistoga, California, July 28, 2012.

47. "The immortal life of Henrietta Lacks." Convocation speaker, The Bentley School, Lafayette, CA, September 7, 2012.
48. "The problem of prostate cancer." Biodesign Fellows Program, Stanford, CA, August 7, 2013.
49. Workshops in faculty orientation, promotion, reappointment, the appointments and promotions process and others. Office of the Dean for Academic Affairs, Stanford University School of Medicine, September 2013-2019.
50. "Genomics applications in prostate cancer." The Seventh Comprehensive Cancer Research Training Program (CCRTP) at Stanford University, Quadrus Center, Stanford, CA, September 18, 2013.
51. "Prostate cancer screening and active surveillance." Stanford Cancer Center Community Talk, Sheraton Palo Alto, CA, September 28, 2013. (Available at <https://www.youtube.com/watch?v=gtuxkiyaotY#t=964> and the Stanford Cancer Center website)
52. "Prostate cancer support group." Stanford Cancer Center, Stanford, CA, January 28, 2014.
53. "Cancer Risk Factors: Revolutionary Genomic Techniques for Early Cancer Detection and Monitoring." Health Matters, Stanford University School of Medicine, Stanford, CA, May 10, 2014.
54. "Active surveillance for prostate cancer." Stanford Cancer Center Community Talk, Sheraton, Palo Alto, CA, September 6, 2014.
55. "Research integrity and scientific misconduct." Neurosciences Graduate Program, Stanford University School of Medicine, February 17, 2016.
56. "The principles of biomarker evaluation applied to PSA." Urology resident teaching conference, Department of Urology, Stanford, February 26, 2016.
57. "Genomic approaches to the diagnosis of obstructive nephropathy." Division of Nephrology Research Conference, Stanford, March 14, 2016.
58. Panel Discussion: "Team science in academic appointments and promotion." Leading Team Science Teams, Offices for Faculty Development and Diversity, University Vice Provost's Office & School of Medicine, Stanford University, Quadrus Center, March 22, 2016.
59. "Prostate cancer screening: controversy and practice." Community Health & Prevention Research (CHPR 260): Prevention Across Medical Disciplines, Stanford University, May 17, 2016.

60. “Secondary prevention of prostate cancer: Moving beyond PSA.” SPRC/GMD Seminar Series. Stanford University School of Medicine, May 26, 2016.
61. “Responsible conduct of research: Research misconduct.” Neurosciences Graduate Program, Stanford University School of Medicine, November 1, 2016.
62. “PSA: Lessons from the use of a cancer screening biomarker.” Community Health & Prevention Research (CHPR 260): Prevention Across Medical Disciplines, Stanford University, May 23, 2017.
63. “The changing landscape of prostate cancer screening.” SPRC/PCPH Seminar Series Stanford Prevention Research Center/Primary Care and Population Health. October 5, 2017.
64. “Men’s health and aging.” Christ Episcopal Church, Los Altos, CA, November 14, 2017.
65. “Prostate cancer screening: where we are now; where we are going?” Community Health & Prevention Research (CHPR 260): Prevention Across Medical Disciplines, Stanford University, February 13, 2018.
66. Faculty, Grant Writing Academy. 2018, 2019.
67. “Controversies in screening for prostate cancer.” Community Health & Prevention Research (CHPR 260): Prevention Across Medical Disciplines, Stanford University, February 11, 2020.
68. “Why Urology?” Urology 200SI, Stanford University School of Medicine, 2019, 2020.